



Open Source Used In Data Center Network Manager 11.4(1)

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Text Part Number: 78EE117C99-1029523572

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes

1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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1.4 guard-bundler 2.0.0

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1.5 util-linux 2.23.2 63.el7

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*/

size: 8388608, sector size: 512, PT: dos, offset: 446, id=0x8f8378c0

#1: 32 7648 0x83
#2: 7680 8704 0xa5
#5: 7936 4864 0x7 (freebsd)
#6: 12544 3584 0x7 (freebsd)

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Ty Coon, President of Vice
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Initialize empty image

f1c9645dbc14efddc7d8a322685f26eb bsd.img

Create new DOS partition table

57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout-----

__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors

Units = sectors of 1 * 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk label type: dos

Disk identifier: 0x00000001

Device	Boot	Start	End	Blocks	Id	System
--------	------	-------	-----	--------	----	--------

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout-----

__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device	Boot	Start	End	Blocks	Id	System
__ts_dev__1		2048	4095	1024	83	Linux

Create 2st primary partition
1bebf87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8dff51a88a045db233418dd73fbe bsd.img

---layout-----

__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device	Boot	Start	End	Blocks	Id	System
__ts_dev__1		2048	4095	1024	83	Linux
__ts_dev__2		4096	20479	8192	a5	FreeBSD

Create default BSD
2e1cee529cb59c9341afef0443f196a1 bsd.img

---layout-----

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):

4 partitions:

#	start	end	size	fstype	[fsz	bsz	cp
c:	4096	20479	16384	unused	0	0	

```
d: 0 16064 16065 unused 0 0
```

BSD disklabel command (m for help):

Command (m for help):

```
b5c121c2091b2ff26b880551feac7112 bsd.img
```

```
---layout-----
```

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):

4 partitions:

#	start	end	size	fstype	[fsize	bsize	cpg]
a:	4096	6144	2049	4.2BSD	0	0	0
c:	4096	20479	16384	unused	0	0	
d:	0	16064	16065	unused	0	0	

BSD disklabel command (m for help):

Command (m for help):

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):

0	unused	5	4.1BSD	9	4.4LFS	d	boot
1	swap	6	Eighth Edition	a	unknown	e	ADOS
2	Version 6	7	4.2BSD	b	HPFS	f	HFS
3	Version 7	8	MS-DOS	c	ISO-9660	10	AdvFS
4	System V						

BSD disklabel command (m for help):

1.6 golang-org-x-net 2.0

1.6.1 Available under license :

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```
Bud1% @ @ @ @E%DSDB` @ @ @
```

```
/*
```

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1.7 d-bus 1.10.24 13.el7_6

1.8 react-styleguidist 9.1.11

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1.9 jest 24.8.0

1.10 libtdb 1.3.18 1.e17

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/*

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trivial database library

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1.11 kubernetes-client-go 1.16.8

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1.12 ustr 1.0.4 16.e17

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the

software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes

2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

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1.15 xz-libs 5.2.2 1.el7

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Version 2.1, February 1999

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'Gnomovision' (which makes passes at compilers) written by James Hacker.
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1.17 jackson-databind 2.9.8

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1.18 chokidar-cli 1.2.2

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1.19 xorg-x11-server-utils 7.7 14.el7

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1.20 openipmi 2.0.23 2.el7

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1.21 less-plugin-npm-import 2.1.0

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1.22 enzyme 3.10.0

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1.24 iptutils 20160308 10.e17

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1.25 react-resizable 1.8.0

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1.27 rollup 0.57.1

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1.28 eslint-plugin-standard 4.0.0

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1.29 yum-utils 1.1.31 53.el7

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1.30 postgresql 9.4.5

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1.31 lib-pq 1.7.0

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```
// +build go1.10
```

```
package pq
```

```
import (  
    "context"  
    "database/sql/driver"  
)
```

```
// NoticeHandler returns the notice handler on the given connection, if any. A  
// runtime panic occurs if c is not a pq connection. This is rarely used  
// directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.  
func NoticeHandler(c driver.Conn) func(*Error) {  
    return c.(*conn).noticeHandler  
}
```

```
// SetNoticeHandler sets the given notice handler on the given connection. A  
// runtime panic occurs if c is not a pq connection. A nil handler may be used  
// to unset it. This is rarely used directly, use ConnectorNoticeHandler and  
// ConnectorWithNoticeHandler instead.  
//  
// Note: Notice handlers are executed synchronously by pq meaning commands  
// won't continue to be processed until the handler returns.  
func SetNoticeHandler(c driver.Conn, handler func(*Error)) {  
    c.(*conn).noticeHandler = handler  
}
```

```
// NoticeHandlerConnector wraps a regular connector and sets a notice handler  
// on it.  
type NoticeHandlerConnector struct {
```

```

driver.Connector
noticeHandler func(*Error)
}

// Connect calls the underlying connector's connect method and then sets the
// notice handler.
func (n *NoticeHandlerConnector) Connect(ctx context.Context) (driver.Conn, error) {
    c, err := n.Connector.Connect(ctx)
    if err == nil {
        SetNoticeHandler(c, n.noticeHandler)
    }
    return c, err
}

// ConnectorNoticeHandler returns the currently set notice handler, if any. If
// the given connector is not a result of ConnectorWithNoticeHandler, nil is
// returned.
func ConnectorNoticeHandler(c driver.Connector) func(*Error) {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        return c.noticeHandler
    }
    return nil
}

// ConnectorWithNoticeHandler creates or sets the given handler for the given
// connector. If the given connector is a result of calling this function
// previously, it is simply set on the given connector and returned. Otherwise,
// this returns a new connector wrapping the given one and setting the notice
// handler. A nil notice handler may be used to unset it.
//
// The returned connector is intended to be used with database/sql.OpenDB.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func ConnectorWithNoticeHandler(c driver.Connector, handler func(*Error)) *NoticeHandlerConnector {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        c.noticeHandler = handler
        return c
    }
    return &NoticeHandlerConnector{Connector: c, noticeHandler: handler}
}

```

1.32 amazon-corretto-jdk 11.0.2.9.3

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Dynalink v.5

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Mesa 3-D graphics library

Version: 4.1

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zlib v1.2.11

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jQuery UI v1.11.4

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jQuery v3.3.1

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JSZip v3.1.5

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Little Color Management System (LCMS) v2.9

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<http://www.w3.org/TR/2004/NOTE-DOM-Level-3-XPath-20040226/>

The specification of DOM Level 2's various parts is at:

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The actual DOM Java Language Binding classes for SMIL came from:

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(both ElementTimeControl.java and TimeEvent.java were taken at revision 1.1)

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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1.36 golang 1.8.3 2ubuntu1

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<bronze1man@gmail.com>
Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>
Upstream-Name: golang
Source: <https://github.com/golang/go>

Files: *

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Files: include/*

src/lib9/*

src/libbio/*

src/runtime/386/*
src/libmach/*
src/runtime/arm/vlop.s
src/runtime/arm/vlrt.c
src/runtime/arm/memset.s
src/runtime/arm/memmove.s
src/runtime/amd64/memmove.s
src/runtime/amd64/memmove.s
src/math/fltasm_amd64.s
src/cmd/6c/txt.c
src/cmd/gopack/ar.c
src/cmd/ld/lib.[ch]
src/cmd/6a/a.[yh]
src/cmd/6a/lex.c
src/cmd/5g/gobj.c
src/cmd/5g/list.c
src/cmd/5g/gsubr.c
src/cmd/5g/opt.h
src/cmd/8c/*
src/cmd/goyacc/goyacc.go
src/cmd/5l/*
src/cmd/6g/reg.c
src/cmd/6g/gobj.c
src/cmd/6g/peep.c
src/cmd/6g/list.c
src/cmd/6g/gsubr.c
src/cmd/6g/opt.c
src/cmd/8l/*
src/cmd/nm/nm.c
src/cmd/gc/bits.c
src/cmd/cc/*
src/cmd/5a/*
src/cmd/8g/reg.c
src/cmd/8g/gobj.c
src/cmd/8g/peep.c
src/cmd/8g/list.c
src/cmd/8g/gsubr.c
src/cmd/8g/opt.h
src/cmd/5c/*
src/cmd/6l/*
src/cmd/8a/*

Origin: Plan 9 from User Space include/, src/lib9/, src/libmach/

Inferno utils/include/, utils/libmach/, utils/6c/, utils/iar/,
utils/6l/, utils/6a/, utils/5c/, utils/8c/, utils/iyacc/,
utils/5l/, utils/6c/, utils/8l/, utils/nm/, utils/cc/,
utils/5a/, utils/8a/, lib9/, libkern/, libbio/

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Portions 1995-2007 C H Forsyth (forsyth@terzarima.net)
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Files: src/lib9/goos.c
src/lib9/win32.c
src/lib9/Makefile
src/runtime/386/asm.s
src/runtime/386/closure.c
src/runtime/arm/asm.s
src/runtime/arm/closure.c
src/runtime/arm/cas5.s
src/libmach/fakeobj.c
src/libmach/macho.h
src/cmd/6c/doc.go
src/cmd/6c/Makefile
src/cmd/8c/doc.go
src/cmd/8c/Makefile
src/cmd/5l/doc.go
src/cmd/5l/softfloat.c
src/cmd/5l/Makefile
src/cmd/8l/doc.go
src/cmd/8l/Makefile
src/cmd/cc/doc.go
src/cmd/cc/Makefile
src/cmd/5a/doc.go
src/cmd/5a/Makefile
src/cmd/5c/doc.go
src/cmd/5c/Makefile
src/cmd/6l/doc.go
src/cmd/6l/Makefile
src/cmd/8a/doc.go
src/cmd/8a/Makefile

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Files: include/fmt.h
src/lib9/utf/*
src/lib9/fmt/*
src/runtime/rune.c

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Files: src/lib9/utf/mkrunetype.c

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Files: src/cmd/cov/tree.[ch]

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Massachusetts Institute of Technology

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Files: src/cmd/prof/gopprof

Origin: based on src/pprof from google-perftools

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License: Perftools

Notes:

This is a copy of <http://google-perftools.googlecode.com/svn/trunk/src/pprof>
with local modifications to handle generation of SVG images and
the Go-style pprof paths. These modifications will probably filter
back into the official source before long.

It's convenient to have a copy here because we need just the one
Perl script, not all the C++ libraries that surround it.

Files: src/runtime/tiny/bootblock

Origin: Xv6 rev3

Copyright: 2006-2009 Frans Kaashoek, Robert Morris, Russ Cox,
Massachusetts Institute of Technology

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Files: src/debug/dwarf/testdata/typedef.macho

src/debug/dwarf/testdata/typedef.elf

Source: src/debug/dwarf/testdata/typedef.c

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Files: src/debug/macho/testdata/gcc-amd64-darwin-exec-debug
src/debug/macho/testdata/gcc-386-darwin-exec
src/debug/macho/testdata/gcc-amd64-darwin-exec
src/debug/elf/testdata/go-relocation-test-gcc424-x86-64.o
src/debug/elf/testdata/gcc-amd64-linux-exec
src/debug/elf/testdata/go-relocation-test-gcc441-x86.o
src/debug/elf/testdata/gcc-386-freebsd-exec
src/debug/elf/testdata/go-relocation-test-gcc441-x86-64.o
Source: src/debug/elf/testdata/hello.c
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Files: src/debug/elf/elf.go
src/cmd/ld/elf.h
Origin: FreeBSD src/sys/sys/elf{32,64,_common}.h, src/sys/*/include/elf.h
Copyright: 1996-1998 John D. Polstra. All rights reserved.
2001 David E. O'Brien
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Files: src/math/log1p.go
Origin: Translated and simplified from FreeBSD /usr/src/lib/msun/src/s_log1p.c
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Based on code 1993 by Sun Microsystems, Inc. All rights reserved.
License: Go

Comment:
The original C code, the long comment, and the constants
below are from FreeBSD's /usr/src/lib/msun/src/s_log1p.c
and came with this notice. The go code is a simplified
version of the original C.

.
=====
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Files: src/image/jpeg/idct.go
Origin: Translated from idct.c in the MPEG-2 (ISO/IEC 13818-4)
technical report video software verifier (mpeg2decode)
version 960109
Copyright: 1996, MPEG Software Simulation Group. All Rights Reserved.
License: MPEG

Files: src/exp/spacewar/pdp1.go

src/exp/spacewar/spacewar.go

Origin: Translated from the Java emulator pdp1.java in Spacewar!

Copyright: 1996 Barry Silverman, Brian Silverman, Vadim Gerasimov.

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License: Spacewar!

Files: src/exp/spacewar/code.go

Origin: The original Spacewar!

Copyright: See license

License: PD

This file contains the assembly language and machine code for Spacewar!, the original PDP-1 video game. It is downloaded from <http://spacewar.oversigma.com/sources/sources.zip> which has the following notice at <http://spacewar.oversigma.com/>:

Spacewar! was conceived in 1961 by Martin Graetz, Stephen Russell, and Wayne Wiitanen. It was first realized on the PDP-1 in 1962 by Stephen Russell, Peter Samson, Dan Edwards, and Martin Graetz, together with Alan Kotok, Steve Piner, and Robert A Saunders. Spacewar! is in the public domain, but this credit paragraph must accompany all distributed versions of the program.

This is the original version! Martin Graetz provided us with a printed version of the source. We typed in again - it was about 40 pages long - and re-assembled it with a PDP-1 assembler written in PERL. The resulting binary runs on a PDP-1 emulator written as a Java applet. The code is extremely faithful to the original. There are only two changes. 1) The spaceships have been made bigger and 2) The overall timing has been special cased to deal with varying machine speeds.

The "a", "s", "d", "f" keys control one of the spaceships. The "k", "l", ";", "" keys control the other. The controls are spin one way, spin the other, thrust, and fire.

Barry Silverman

Brian Silverman

Vadim Gerasimov

Files: src/exp/4s/xs.go

src/exp/4s/data.go

Origin: Derived from Plan 9's /sys/src/games/xs.c

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Files: src/cmd/goyacc/units.txt

Origin: Plan9's /lib/units

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Files: src/cmd/goyacc/units.y

Origin: Derived from Plan9's /sys/src/cmd/units.y

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Files: src/html/testdata/webkit/*

Origin: WebKit LayoutTests/html5lib/resources/

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Files: src/image/png/testdata/pngsuite/*

Origin: libpng 1.2.40, contrib/pngsuite/*

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Files: lib/codereview/*

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Files: lib/godoc/godoc.html

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Files: misc/cgo/gmp/pi.go

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See nacl/README for details on running them.

.
They are a translation of the Java emulator pdp1.java in <http://spacewar.oversigma.com/sources/sources.zip>.

.
See also the PDP-1 handbook at <http://www.dbit.com/~greeng3/pdp1/pdp1.html>

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1.37 future 0.18.2

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1.38 libgpg-error 1.12 3.e17

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1.39 pyyaml 5.3

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1.40 pycparser 2.19

1.40.1 Available under license :

pycparser -- A C parser in Python

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1.41 swagger-api/swagger-ui 3.25.1

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1.42 cifs-utils 6.2 10.el7

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2.2.0

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1.50 nss-util 3.44.0 4.el7_7

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Version 1.1 - 26 February 2007

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Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

Files: *

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1.59 perl-threads 1.87 4.el7

1.60 libcwd-guard-perl 0.05 1

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
```

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The End

1.61 attr 2.4.46 13.e17

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1.69 microcode-ctl 2.1 61.e17

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1.70 jansson 2.10 1.e17

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1.72 postcss-import 12.0.1

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1.73 cronie 1.4.11 23.el7

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1.74 libtiff 4.0.3 32.e17

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1.75 guava 21.0.0 v20170206-1425

1.76 systemd 219 73.el7_8.5

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```
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```

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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1.78 sed 4.2.2 6.el7

1.78.1 Available under license :

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```

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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1.81 libffi 3.0.13 19.el7

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1.82 openssl 1.0.2k 19.el7

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```

1.83 ply 3.11

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Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1062945173_1592924324.52/0/ply-3-11-1-tar-gz/ply-3.11/ply/lex.py
* /opt/ws_local/PERMITS_SQL/1062945173_1592924324.52/0/ply-3-11-1-tar-gz/ply-3.11/ply/yacc.py

```

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```

# PLY (Python Lex-Yacc)          Version 3.11

```

```

[![Build Status](https://travis-ci.org/dabeaz/ply.svg?branch=master)](https://travis-ci.org/dabeaz/ply)

```

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Introduction

=====

PLY is a 100% Python implementation of the common parsing tools lex and yacc. Here are a few highlights:

- PLY is very closely modeled after traditional lex/yacc.
If you know how to use these tools in C, you will find PLY to be similar.
- PLY provides *very* extensive error reporting and diagnostic information to assist in parser construction. The original implementation was developed for instructional purposes. As a result, the system tries to identify the most common types of errors made by novice users.
- PLY provides full support for empty productions, error recovery, precedence specifiers, and moderately ambiguous grammars.

- Parsing is based on LR-parsing which is fast, memory efficient, better suited to large grammars, and which has a number of nice properties when dealing with syntax errors and other parsing problems. Currently, PLY builds its parsing tables using the LALR(1) algorithm used in yacc.
- PLY uses Python introspection features to build lexers and parsers. This greatly simplifies the task of parser construction since it reduces the number of files and eliminates the need to run a separate lex/yacc tool before running your program.
- PLY can be used to build parsers for "real" programming languages. Although it is not ultra-fast due to its Python implementation, PLY can be used to parse grammars consisting of several hundred rules (as might be found for a language like C). The lexer and LR parser are also reasonably efficient when parsing typically sized programs. People have used PLY to build parsers for C, C++, ADA, and other real programming languages.

How to Use

=====

PLY consists of two files : lex.py and yacc.py. These are contained within the 'ply' directory which may also be used as a Python package. To use PLY, simply copy the 'ply' directory to your project and import lex and yacc from the associated 'ply' package. For example:

```
import ply.lex as lex
import ply.yacc as yacc
```

Alternatively, you can copy just the files lex.py and yacc.py individually and use them as modules. For example:

```
import lex
import yacc
```

The file setup.py can be used to install ply using distutils.

The file doc/ply.html contains complete documentation on how to use the system.

The example directory contains several different examples including a PLY specification for ANSI C as given in K&R 2nd Ed.

A simple example is found at the end of this document

Requirements

=====

PLY requires the use of Python 2.6 or greater. However, you should use the latest Python release if possible. It should work on just about any platform. PLY has been tested with both CPython and Jython. It also seems to work with IronPython.

Resources

=====

More information about PLY can be obtained on the PLY webpage at:

<http://www.dabeaz.com/ply>

For a detailed overview of parsing theory, consult the excellent book "Compilers : Principles, Techniques, and Tools" by Aho, Sethi, and Ullman. The topics found in "Lex & Yacc" by Levine, Mason, and Brown may also be useful.

The GitHub page for PLY can be found at:

<https://github.com/dabeaz/ply>

An old and relatively inactive discussion group for PLY is found at:

<http://groups.google.com/group/ply-hack>

Acknowledgments

=====

A special thanks is in order for all of the students in CS326 who suffered through about 25 different versions of these tools :-).

The CHANGES file acknowledges those who have contributed patches.

Elias Ioup did the first implementation of LALR(1) parsing in PLY-1.x. Andrew Waters and Markus Schoepflin were instrumental in reporting bugs and testing a revised LALR(1) implementation for PLY-2.0.

Special Note for PLY-3.0

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PLY-3.0 the first PLY release to support Python 3. However, backwards compatibility with Python 2.6 is still preserved. PLY provides dual Python 2/3 compatibility by restricting its implementation to a common subset of basic language features. You should not convert PLY using 2to3--it is not necessary and may in fact break the implementation.

Example

=====

Here is a simple example showing a PLY implementation of a calculator

with variables.

```
# -----  
# calc.py  
#  
# A simple calculator with variables.  
# -----  
  
tokens = (  
    'NAME','NUMBER',  
    'PLUS','MINUS','TIMES','DIVIDE','EQUALS',  
    'LPAREN','RPAREN',  
    )  
  
# Tokens  
  
t_PLUS = r\+'  
t_MINUS = r\-'  
t_TIMES = r\*'  
t_DIVIDE = r\/'  
t_EQUALS = r\='  
t_LPAREN = r\  
t_RPAREN = r\  
t_NAME = r'[a-zA-Z][a-zA-Z0-9_]*'  
  
def t_NUMBER(t):  
    r\d+'  
    t.value = int(t.value)  
    return t  
  
# Ignored characters  
t_ignore = " \t"  
  
def t_newline(t):  
    r\n+'  
    t.lexer.lineno += t.value.count("\n")  
  
def t_error(t):  
    print("Illegal character '%s'" % t.value[0])  
    t.lexer.skip(1)  
  
# Build the lexer  
import ply.lex as lex  
lex.lex()  
  
# Precedence rules for the arithmetic operators  
precedence = (  
    ('left','PLUS','MINUS'),
```

```

('left','TIMES','DIVIDE'),
('right','UMINUS'),
)

# dictionary of names (for storing variables)
names = { }

def p_statement_assign(p):
    'statement : NAME EQUALS expression'
    names[p[1]] = p[3]

def p_statement_expr(p):
    'statement : expression'
    print(p[1])

def p_expression_binop(p):
    '''expression : expression PLUS expression
                  | expression MINUS expression
                  | expression TIMES expression
                  | expression DIVIDE expression'''
    if p[2] == '+': p[0] = p[1] + p[3]
    elif p[2] == '-': p[0] = p[1] - p[3]
    elif p[2] == '*': p[0] = p[1] * p[3]
    elif p[2] == '/': p[0] = p[1] / p[3]

def p_expression_uminus(p):
    'expression : MINUS expression %prec UMINUS'
    p[0] = -p[2]

def p_expression_group(p):
    'expression : LPAREN expression RPAREN'
    p[0] = p[2]

def p_expression_number(p):
    'expression : NUMBER'
    p[0] = p[1]

def p_expression_name(p):
    'expression : NAME'
    try:
        p[0] = names[p[1]]
    except LookupError:
        print("Undefined name '%s'" % p[1])
        p[0] = 0

def p_error(p):
    print("Syntax error at '%s'" % p.value)

```

```
import ply.yacc as yacc
yacc.yacc()

while True:
    try:
        s = raw_input('calc > ') # use input() on Python 3
    except EOFError:
        break
    yacc.parse(s)
```

Bug Reports and Patches

=====

My goal with PLY is to simply have a decent lex/yacc implementation for Python. As a general rule, I don't spend huge amounts of time working on it unless I receive very specific bug reports and/or patches to fix problems. I also try to incorporate submitted feature requests and enhancements into each new version. Please visit the PLY github page at <https://github.com/dabeaz/ply> to submit issues and pull requests. To contact me about bugs and/or new features, please send email to dave@dabeaz.com.

-- Dave

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1062945173_1592924324.52/0/ply-3-11-1-tar-gz/ply-3.11/README.md
No license file was found, but licenses were detected in source scan.
```

License: BSD

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1062945173_1592924324.52/0/ply-3-11-1-tar-gz/ply-3.11/ply.egg-info/PKG-INFO
* /opt/ws_local/PERMITS_SQL/1062945173_1592924324.52/0/ply-3-11-1-tar-gz/ply-3.11/PKG-INFO
No license file was found, but licenses were detected in source scan.
```

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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1062945173_1592924324.52/0/ply-3-11-1-tar-gz/ply-3.11/ply/cpp.py
No license file was found, but licenses were detected in source scan.
```

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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1062945173_1592924324.52/0/ply-3-11-1-tar-gz/ply-3.11/example/GardenSnake/GardenSnake.py
```

1.84 polar-ssl 0.10

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1.85 libgcrypt 1.5.3 14.e17

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1.87 python-protobuf 3.7.1

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- * VI syntax highlighting tweaks.
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- * Heuristic detection of sub-messages when printing unknown fields in text format.

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- * MS Visual Studio error format option.
- * Detect unordered_map in stl_hash.m4.

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- * Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
- * Added generation of field number constants.

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- * Fixed initialization ordering problem in logging code.

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- * Small patch improving performance of in Python serialization.

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- * Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

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- * Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

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- * Detect whether zlib is new enough in configure script.
- * Fixes for Solaris 10 32/64-bit confusion.

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- * Optimize Java serialization code when writing a small message to a stream.
- * Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.

- * Clean up some Java warnings.
- * Fix bug with permanent callbacks that delete themselves when run.

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- * Added CodedInputStream.getTotalBytesRead().

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- * Fixed m4/acx_pthread.m4 problem for some Linux distributions.

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- * Fixed detection of sched_yield on Solaris.
- * Added atomicops for Solaris

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- * Fixed minor IBM xLC compiler build issues
- * Added atomicops for AIX (POWER)

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1.88 xorg-x11-xauth 1.0.9 1.e17

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1.90 geoipupdate 2.5.0 1.e17

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1.94 libnfsidmap 0.25 19.el7

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1.97 Isof 4.87 6.e17

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*
* This header file is used only when the dialect has no POSIX-conformant
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* machine.h will define USE_LIB_REGEX.
*
* When the dialect has a POSIX-conformant regular expression function set,
* USE_LIB_REGEX is not defined and this header file #include's <regex.h>.
*
* V. Abell <abe@purdue.edu>
* Purdue University
*/

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```
#ifdef USE_LIB_REGEX
```

```
/*
```

- * This section comes from GLIBC 2.2. It is used only when the dialect
 - * has no POSIX-conformant regular expression function set. When that is
 - * the case, the dialect's machine.h will define USE_LIB_REGEX.
- ```
*/
```

```
/* Definitions for data structures and routines for the regular
expression library, version 0.12.
```

```
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## 1.101 python-setuptools 38.4.0

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```
echo "Cloning LICENSE to babel packages"
```

```
cat LICENSE
```

```
ls -db ./packages/*/ | egrep -v '.*packages/(babel-parser|babel-plugin-transform-object-assign)/?$' | xargs -n 1 cp
```



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## **1.104 mesa 18.3.4 7.e17**

### **1.104.1 Available under license :**

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Subject: RE: Question about Mesa MLAA license  
From: Jorge Jimenez <iryoku@gmail.com>  
Date: 01/08/2013 12:50 PM  
To: Tom Callaway <tcallawa@redhat.com>  
CC: "jorge@iryoku.com" <jorge@iryoku.com>

Yes to both questions.

Thanks,  
Jorge

From: Tom Callaway <tcallawa@redhat.com>  
Sent: January 8, 2013 6:49 PM  
To: Jorge Jimenez <iryoku@gmail.com>  
CC: jorge@iryoku.com  
Subject: Re: Question about Mesa MLAA license

On 01/08/2013 12:39 PM, Jorge Jimenez wrote:

- > Hi Tom,
- >
- > What we meant with that is that we made an exception for clause 2.
- > Instead of clause 2, in the case of the Mesa project, you have to name
- > the technique Jimenez's MLAA in the config options of Mesa. We did that
- > just to allow them to solve license issues. This exception should be for
- > the Mesa project, and any project using Mesa, like Fedora.
- >
- > We want to widespread usage of our MLAA, so we want to avoid any kind of
- > license complications. Hope current one is good for Fedora, if not
- > please tell, and we'll see what we can do!

Okay, a few more questions:

\* If Fedora decides to simply reproduce the quoted statement:

"Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia, Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."

Specifically, if this is done as part of documentation included with Mesa, is that sufficient to meet clause 2 even if the Mesa config option is not set as described in your exception?

\* Currently, the Mesa config option for MLAA says: "Morphological anti-aliasing based on Jimenez\' MLAA. 0 to disable, 8 for default quality". Is this in compliance with your exception?

Thanks again,

~tom

==

Fedora Project

Subject: RE: Question about Mesa MLAA license

From: Jorge Jimenez <iryoku@gmail.com>

Date: 01/08/2013 12:39 PM

To: "jorge@iryoku.com" <jorge@iryoku.com>, Tom Callaway <tcallawa@redhat.com>

Hi Tom,

What we meant with that is that we made an exception for clause 2. Instead of clause 2, in the case of the Mesa project, you have to name the technique Jimenez's MLAA in the config options of Mesa. We did that just to allow them to solve license issues. This exception should be for the Mesa project, and any project using Mesa, like Fedora.

We want to widespread usage of our MLAA, so we want to avoid any kind of license complications. Hope current one is good for Fedora, if not please tell, and we'll see what we can do!

Cheers,

Jorge

From: Tom Callaway <tcallawa@redhat.com>

Sent: January 8, 2013 6:30 PM

To: jorge@iryoku.com

Subject: Question about Mesa MLAA license

Jorge,

Thanks for all of your fantastic graphics work! I have been auditing Fedora (a popular distribution of Linux) for license compliance and I came across your MLAA code in Mesa.

The license says:

- \* 2. Redistributions in binary form must reproduce the following statement:
- \*
- \* "Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia,
- \* Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."
- \*
- \* Only for use in the Mesa project, this point 2 is filled by naming the
- \* technique Jimenez's MLAA in the Mesa config options.

That wording is unclear. When you say "Only for use in the Mesa project...", it seems like you could either be saying:

- This code may only be used as part of Mesa.

OR

- In Mesa, you can comply with clause 2 by simply selecting "Jimenez's MLAA" in the Mesa config options.

\*\*\*\*\*

If the first item is true, then we may have to remove the MLAA code from Fedora's copy of Mesa. However, looking at the license on your SMAA code, I do not believe it to be the case. Please let me know either way!

Thanks in advance,

Tom Callaway  
Fedora Legal

==

Fedora Project

# 1.105 spring-boot-starter-data-elasticsearch

## 2.2.6

## 1.105.1 Available under license :

No license file was found, but licenses were detected in source scan.

<name>Apache License, Version 2.0</name>

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1058073202\_1592435973.8/0/spring-boot-starter-data-elasticsearch-2-2-6-release-sources-jar/META-INF/maven/org.springframework.boot/spring-boot-starter-data-elasticsearch/pom.xml

## 1.106 libsoup 2.62.2 2.el7

## 1.107 cpp 4.8.5 39.el7

### 1.107.1 Available under license :

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Version 3, 29 June 2007

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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

## HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.

The Encore Multimax modifications were supplied by

Kevin Kenny ([kenny@m.cs.uiuc.edu](mailto:kenny@m.cs.uiuc.edu)). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the

generic code are due to Walter Underwood.  
Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.  
Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.  
Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and  
Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.  
Thomas Funke (thf@zelator.in-berlin.de(?)) and  
Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.  
Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.  
Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.  
Alistair G. Crooks(agg@uts.amdahl.com) supplied the NetBSD and 386BSD ports.  
Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.  
Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk).  
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).  
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.  
David Chase, then at Olivetti Research, suggested several improvements.  
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC.  
Jesse Hull and John Ellis supplied the C++ interface code.  
Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the

library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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#### END OF TERMS AND CONDITIONS

@node Library Copying

@appendixsec GNU LESSER GENERAL PUBLIC LICENSE

@cindex LGPL, Lesser General Public License

@center Version 2.1, February 1999

@display

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[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

@end display

@appendixsubsec Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software---to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software---typically libraries---of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to

use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the @dfn{Lesser} General Public License because it does @emph{Less} to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ``work based on the library" and a ``work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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@center GNU LESSER GENERAL PUBLIC LICENSE

@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION



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@item

This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called ``this License"). Each licensee is addressed as ``you".

A ``library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The ``Library", below, refers to any such software library or work which has been distributed under these terms. A ``work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term ``modification".)

``Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

@item

You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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The modified work must itself be a software library.

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You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

@item

You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

@item

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

@end enumerate

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest

your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

@item

You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

@item

You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

@item

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a ``work that uses the Library''. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a ``work that uses the Library'' with the Library

creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a ``work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a ``work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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As an exception to the Sections above, you may also combine or link a ``work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable ``work that uses the Library", as object code and/or source code, so that the

user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

@end enumerate

For an executable, the required form of the ``work that uses the Library'' must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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You may place library facilities that are a work based on the

Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

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@heading END OF TERMS AND CONDITIONS

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@center END OF TERMS AND CONDITIONS

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@page

@appendixsubsec How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

@smallexample

@var{one line to give the library's name and an idea of what it does.}

Copyright (C) @var{year} @var{name of author}

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

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You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

@end smallexample

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a ``copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

@smallexample

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

@end smallexample

That's all there is to it!

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@comment node-name, next, previous, up
@node GNU Free Documentation License, Concept Index, Old, Top
@end ifnohtml
@html
<h1 align="center">Installing GCC: GNU Free Documentation License</h1>
@end html
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@unnumbered GNU Free Documentation License
@end ifnohtml
@end ifset
@c man begin DESCRIPTION
@ifclear gfdlhtml
@node GNU Free Documentation License
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@end group
@end smallexample
```

If you have Invariant Sections, Front-Cover Texts and Back-Cover Texts, replace the ``with...Texts." line with this:

```
@smallexample
@group
with the Invariant Sections being @var{list their titles}, with
the Front-Cover Texts being @var{list}, and with the Back-Cover Texts
being @var{list}.
@end group
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```

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```
@c Local Variables:
@c ispell-local-pdict: "ispell-dict"
@c End:
```

```
@c man end
```

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```
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## 1.113 pika 0.9.12

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Click uses parts of optparse written by Gregory P. Ward and maintained by the Python Software Foundation. This is limited to code in parser.py.

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## 1.118 heartbeat 3.0.4 2.e16

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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## 1.120 pyaml 16.12.2

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The End

## 1.129 sklearn 0.0

### 1.129.1 Available under license :

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Metadata-Version: 1.0

Name: sklearn

Version: 0.0

Summary: A set of python modules for machine learning and data mining

Home-page: <https://pypi.python.org/pypi/scikit-learn/>

Author: UNKNOWN

Author-email: UNKNOWN

blas\_opt\_info:

blas\_mkl\_info:

FOUND:

```
libraries = ['mkl_intel_lp64', 'mkl_intel_thread', 'mkl_core', 'iomp5', 'pthread']
```

```
library_dirs = ['/Users/filo/anaconda/lib']
```

```
define_macros = [('SCIPY_MKL_H', None)]
```

```
include_dirs = ['/Users/filo/anaconda/include']
```

FOUND:

```
libraries = ['mkl_intel_lp64', 'mkl_intel_thread', 'mkl_core', 'iomp5', 'pthread']
```

```
library_dirs = ['/Users/filo/anaconda/lib']
```

```
define_macros = [('SCIPY_MKL_H', None)]
```

```
include_dirs = ['/Users/filo/anaconda/include']
```

UNKNOWN

License: UNKNOWN

Description: Use `scikit-learn` <<https://pypi.python.org/pypi/scikit-learn/>>`\_` instead.

Platform: all

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1062946722_1592925110.44/0/sklearn-0-0-1-tar-gz/sklearn-0.0/sklearn.egg-info/PKG-INFO
```

```
* /opt/ws_local/PERMITS_SQL/1062946722_1592925110.44/0/sklearn-0-0-1-tar-gz/sklearn-0.0/PKG-INFO
```

## 1.130 libyaml 0.1.4 11.e17\_0

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## 1.131 autogen 5.18 5.e17

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```
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## 1.138 grpc 1.10.0

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\* Small patch to handle trailing slashes in --proto\_path flag.

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\* Small patch to fix Python CallMethod().

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\* Small optimizations to Python serialization.

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\* VI syntax highlighting tweaks.

\* Fix compiler to not make output executable.

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\* Heuristic detection of sub-messages when printing unknown fields in text format.

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\* Added @Override annotation to generated Java code where appropriate.

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\* Tru64 support.

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\* Solaris 10 + Sun Studio fixes.

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\* Slicing support for repeated scalar fields for the Python API.

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\* MS Visual Studio error format option.

\* Detect unordered\_map in stl\_hash.m4.

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\* gzip/zlib I/O support.

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\* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).

\* Added generation of field number constants.

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\* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>

\* Small patch improving performance of in Python serialization.

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\* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

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\* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

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\* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>

\* Detect whether zlib is new enough in configure script.

\* Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>

\* Optimize Java serialization code when writing a small message to a stream.

\* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.

\* Clean up some Java warnings.

\* Fix bug with permanent callbacks that delete themselves when run.

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\* Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthisius.kk@gmail.com>

\* Fixed m4/acx\_pthread.m4 problem for some Linux distributions.

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\* Fixed detection of sched\_yield on Solaris.

\* Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

\* Fixed minor IBM xLC compiler build issues

\* Added atomicops for AIX (POWER)

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Srinivasan Venkatachary <vsri@google.com>  
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# 1.139 python-status 1.0.1

## 1.139.1 Available under license :

For `status.py` file:

originally from: <https://github.com/tomchristie/django-rest-framework/blob/master/LICENSE.md>

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# 1.140 react-dom 16.4.2

## 1.140.1 Available under license :

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## 1.141 sysvinit-tools 2.88 14.dsf.el7

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Send patches to [sysvinit-devel@nongnu.org](mailto:sysvinit-devel@nongnu.org)

The of the start-stop-daemon

- \* A rewrite of the original Debian's start-stop-daemon Perl script
- \* in C (faster - it is executed many times during system startup).
- \*
- \* Written by Marek Michalkiewicz <[marekm@i17linuxb.ists.pwr.wroc.pl](mailto:marekm@i17linuxb.ists.pwr.wroc.pl)>,
- \* public domain.

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This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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## 1.142 githubcommailrueasyjson

# 8b799c424f57fa123fc63a99d6383bc6e4c02578

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## 1.143 cracklib 2.9.0 11.e17

### 1.143.1 Available under license :

-----  
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)  
-----

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=  
r=20

GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.=20

-- Nathan

=20

-----  
Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:15 PM

> To: cracklib-devel@li...

> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing

> libraries under

> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

> -mike

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:

> I understand that, and you're welcome to bring it up with Alec directly

> and see if he wants to relicense his code as LGPL... but at this point,

> it was enough to just get it consistent and documented as to what it was

> released under. This wasn't actually a license change, just a

> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20

GPL-2 ... it was a modified artistic license ... i didnt notice the license=

=20



change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless the applications are also GPL-2 which imo is just wrong. it isn't the place of a library to dictate to application what license they should be using, thus LGPL-2.1 enters to fill this void.  
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan  
=20

-----  
Nathan Neulinger EMail: nneul@um...  
University of Missouri - Rolla Phone: (573) 341-6679  
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...  
> [mailto:cracklib-devel-bounces@li...] On Behalf Of  
> Mike Frysinger  
> Sent: Monday, October 01, 2007 8:33 PM  
> To: Neulinger, Nathan  
> Cc: cracklib-devel@li...; Alec Muffett  
> Subject: Re: [Cracklib-devel] cracklib license

>=20

> On Monday 01 October 2007, Neulinger, Nathan wrote:

> > I understand that, and you're welcome to bring it up with Alec  
> directly

> > and see if he wants to relicense his code as LGPL... but at this  
> point,

> > it was enough to just get it consistent and documented as to what  
> it was

> > released under. This wasn't actually a license change, just a  
> > clarification of the licensing that was already in place.

>=20

> the original license (before moving to sourceforge -- aka, 2.7) was  
> not

> GPL-2 ... it was a modified artistic license ... i didnt notice the  
> license  
> change until it was mentioned in the latest notes.  
>=20  
> unlike the old license, GPL-2 prevents people from using cracklib  
> unless their  
> applications are also GPL-2 which imo is just wrong. it isnt the  
> place of a  
> library to dictact to application writes what license they should  
> be using.  
> thus LGPL-2.1 enters to fill this void.  
> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro  
> maintainers to get together with Alec in a conversation and come to a  
> decision as to what licensing scheme y'all want. I haven't really done  
> much other than cleaning up the packaging and patches and a small  
> bit of  
> additional code, so whatever licensing y'all come up with is fine  
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be  
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I think it is in everyone's  
best interests to have as secure systems as possible, and I think tainting  
it via GPL will just make it less likely that the library gets used, and  
will not usually cause companies/developers to GPL the dependent code  
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct  
license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>> Seems like the ideal thing here would be for you and the other distro  
>> maintainers to get together with Alec in a conversation and come to a  
>> decision as to what licensing scheme y'all want. I haven't really done  
>> much other than cleaning up the packaging and patches and a small  
>> bit of  
>> additional code, so whatever licensing y'all come up with is fine  
>> by me.  
>  
> I am sympathetic. Guys, what do you reckon?  
>  
> What I am hearing so far is that LGPL makes sense, since it can be  
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable  
timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately,  
GPLv2 with the option of using the library under a later version of the  
GPL would permit applications which were released under version 3 of the  
GPL to use the library, too, which would be sufficient for the packages  
which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:  
>>> Seems like the ideal thing here would be for you and the other distro  
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> timeframe.  
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looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make  
the change now ?

-mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

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> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

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Nathan Neulinger is the only one who can actually make said change ...

-mike

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BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.  
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CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-----

From alecm@crypticide.com Mon Oct 1 12:26:03 2007  
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:03 -0500  
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:02 -0500  
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000  
Received: from smtp1.srv.mst.edu (131.151.1.43)  
by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000  
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])  
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtp020623  
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500  
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])  
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311  
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)  
Received: from [82.68.43.14] (helo=[192.168.1.3])  
by rutherford.zen.co.uk with esmtp (Exim 4.50)  
id 1IcOcX-0004Qt-6L  
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000  
Mime-Version: 1.0 (Apple Message framework v752.2)  
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
References: <1190922867.3457.147.camel@localhost.localdomain>  
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>  
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed  
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>  
Content-Transfer-Encoding: 7bit  
From: Alec Muffett <alecm@crypticide.com>

Subject: Re: cracklib license  
Date: Mon, 1 Oct 2007 17:59:46 +0100  
To: Nathan Neulinger <nneul@neulinger.org>  
X-Mailer: Apple Mail (2.752.2)  
X-Originating-Rutherford-IP: [82.68.43.14]  
Return-Path: alecm@crypticide.com  
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]  
Status: RO  
Content-Length: 585  
Lines: 21

>  
> ----- Forwarded message -----  
> From: Neulinger, Nathan <nneul@umr.edu>  
> Date: Sep 27, 2007 2:58 PM  
> Subject: RE: cracklib license  
> To: alecm@crypto.dircon.co.uk  
>  
> Any chance you could write me a self-contained email stating clearly  
> that the license is being changed to GPL, so I could include that  
> email  
> in the repository and clean up the repository/tarballs? I have all the  
> original discussion, but something succinct and self contained  
> would be  
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

This package was debianized by Jean Pierre LeJacq  
<jplejacq@quoininc.com> on Wed, 25 Feb 1998. Martin Pitt  
<martin@piware.de> was the package's maintainer up to version  
2.7.19-1. The current maintainer is Jan Dittberner  
<jandd@debian.org>.

It was downloaded from <http://sourceforge.net/projects/cracklib>

Copyright (c) 1993 Alec Muffett <alecm@crypto.dircon.co.uk>,  
Copyright (c) 2005-2009 Nathan Neulinger <nneul@umr.edu>,  
Copyright (c) 2008-2009 Jan Dittberner <jan@dittberner.info>

Modifications: Added cronjob, configuration file, and man pages.

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it under the terms of the GNU Lesser General Public License as  
published by the Free Software Foundation; either version 2.1 of the

License, or (at your option) any later version.

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Copyright information:

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett. Cracklib's license was changed from the GPL to the LGPL after consensus of all previous developers in October 2008, effective with release 2.8.15 released on 2009-11-19. See the email discussion below for both license changes.

-----

-----

EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)

-----

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=r=20

GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.=20

-- Nathan

=20

-----  
Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:15 PM

> To: cracklib-devel@li...

> Subject: [Cracklib-devel] cracklib license

>=20

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Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

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change until it was mentioned in the latest notes.



unlike the old license, GPL-2 prevents people from using cracklib unless th=  
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a=20  
library to dictact to application writes what license they should be using.=  
=20  
thus LGPL-2.1 enters to fill this void.  
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

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> Mike Frysinger

> Sent: Monday, October 01, 2007 8:33 PM

> To: Neulinger, Nathan

> Cc: cracklib-devel@li...; Alec Muffett

> Subject: Re: [Cracklib-devel] cracklib license

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Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

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I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be  
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I think it is in everyone's  
best interests to have as secure systems as possible, and I think tainting  
it via GPL will just make it less likely that the library gets used, and  
will not usually cause companies/developers to GPL the dependent code  
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct  
license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

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Attachments: Message as HTML

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for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500  
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])  
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311  
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)  
Received: from [82.68.43.14] (helo=[192.168.1.3])  
by rutherford.zen.co.uk with esmtp (Exim 4.50)  
id 1IcOcX-0004Qt-6L  
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000  
Mime-Version: 1.0 (Apple Message framework v752.2)  
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
References: <1190922867.3457.147.camel@localhost.localdomain>  
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>  
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed  
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>  
Content-Transfer-Encoding: 7bit  
From: Alec Muffett <alecm@crypticide.com>  
Subject: Re: cracklib license

Date: Mon, 1 Oct 2007 17:59:46 +0100  
To: Nathan Neulinger <nneul@neulinger.org>  
X-Mailer: Apple Mail (2.752.2)  
X-Originating-Rutherford-IP: [82.68.43.14]  
Return-Path: alecm@crypticide.com  
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]  
Status: RO  
Content-Length: 585  
Lines: 21

>  
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> From: Neulinger, Nathan <nneul@umr.edu>  
> Date: Sep 27, 2007 2:58 PM  
> Subject: RE: cracklib license  
> To: alecm@crypto.dircon.co.uk  
>  
> Any chance you could write me a self-contained email stating clearly  
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> email  
> in the repository and clean up the repository/tarballs? I have all the  
> original discussion, but something succinct and self contained  
> would be  
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

GNU LESSER GENERAL PUBLIC LICENSE  
Version 2.1, February 1999

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Everyone is permitted to copy and distribute verbatim copies  
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[This is the first released version of the Lesser GPL. It also counts  
as the successor of the GNU Library Public License, version 2, hence  
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your  
freedom to share and change it. By contrast, the GNU General Public  
Licenses are intended to guarantee your freedom to share and change

free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

^L

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The



former contains code derived from the library, whereas the latter must be combined with the library in order to run.

^L

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## 1.144 unzip 6.0 21.e17

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---

This is the Info-ZIP file COPYING (for UnZip), last updated 17 Jul 2000.

---

**FIRST NOTE:**

This file contains some details about the copyright history of contributions to the UnZip project.

Additionally, it summarises some exceptions to the general BSD-like copyright found in LICENSE that covers our generic code and most of the system specific ports.

Please read LICENSE first to find out what is allowed to do with Info-ZIP's UnZip code.

-----

There are currently two explicit copyrights on portions of UnZip code (at least, of which Info-ZIP is aware):  
Jim Luther's Mac OS File Manager interface code; and Christopher Evans' MacBinaryIII coding code (for the MacOS port).. These copyrights are discussed in more detail below.

All remaining code is now (starting with UnZip version 5.41) covered by the new Info-ZIP license. For details, please read the accompanying file LICENSE. The terms and conditions in this license supersede the copyright conditions of the contributions by Igor Mandrichenko (vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c), Mike White (Windows DLL code in "windll/\*"), Steve P. Miller (Pocket UnZip GUI "wince/\*"), and Mark Adler (inflate/explode decompression core routines, previously put into the public domain). All these Info-ZIP contributors (or "primary" authors) have permitted us to replace their copyright notes by the Info-ZIP License.

Frequently Asked Questions regarding (re)distribution of Zip and UnZip are near the end of this file.

There are no known patents on any of the code in UnZip. Unisys claims a patent on LZW encoding and on LZW decoding \_in an apparatus that performs LZW encoding\_, but the patent appears to exempt a stand-alone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed otherwise, but the issue has never been tested in court. Since this point is unclear, unshrinking is not enabled by default. It is the responsibility of the user to make his or her peace with Unisys and its licensing requirements. (unshrink.c may be removed from future releases altogether.)

---

The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP License. Therefore, support for the reduce method has been removed.

The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is

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The following copyright applies to the Mac OS File Manager interface code (macos/source/macstuff.[ch]), distributed with UnZip 5.4 and later:

```
* MoreFiles
*
* A collection of File Manager and related routines
*
* by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
* with significant code contributions by Nitin Ganatra
* (Apple Macintosh Developer Technical Support Emeritus)
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```

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The following copyright applies to the Mac OS "macbin3" decoding code (extra field compatibility with ZipIt):

```
* MacBinaryIII.h
*
* Copyright 1997 Christopher Evans (cevans@poppybank.com)
*
* Basic encoding and decoding of Macintosh files to the
* MacBinary III spec.
* -----
* This source is copyrighted by Christopher Evans (cevans@poppybank.com)
* (available at ftp://ftp.lazerware.com/MacBinaryIII_src_C.sit
* homepage of Leonard Rosenthol leonardr@netcom.com)
```

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-----  
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Regarding the first stipulation, Mr. Smith was tracked down in southern California some years back [Samuel H. Smith, The Tool Shop; as of mid-May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS), 71150.2731@compuserve.com]:

"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

Note that the third and fourth stipulations still apply to any company that wishes to incorporate the unreduce code into its products; if you wish to do so, you must contact Mr. Smith directly regarding licensing.

-----  
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-----

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-----

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-----

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-----

The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much

more complete list of contributors.

The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

-----

# 1.145 confluent-kafka 0.11.6

## 1.145.1 Available under license :

```

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#####
```

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# For src/crc32c.c copied (with modifications) from  
# <http://stackoverflow.com/a/17646775/1821055>

/\* crc32c.c -- compute CRC-32C using the Intel crc32 instruction

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\* Version 1.1 1 Aug 2013 Mark Adler

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\*/

LICENSE.lz4

-----  
src/xxhash.[ch] src/lz4\*.ch: git@github.com:lz4/lz4.git e2827775ee80d2ef985858727575df31fc60f1f3

LZ4 Library

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-----  
regexp.c and regexp.h from <https://github.com/ccxvii/minilibs> sha 875c33568b5a4aa4fb3dd0c52ea98f7f0e5ca684

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originally retrieved from http://github.com/andikleen/snappy-c
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## 1.150 file-system 3.2 25.el7



# 1.151 docker-ce 17.06.2.ce 1.el7.centos

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Protocol Buffers for Go with Gadgets

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Go support for Protocol Buffers - Google's data interchange format

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## 1.154 pyyaml 3.12

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@iftex  
@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION  
@end iftex  
@ifinfo  
@center GNU LESSER GENERAL PUBLIC LICENSE  
@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION  
@end ifinfo

@enumerate 0

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@item

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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@item

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable ``work that uses the Library'', as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

@item

Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

@item

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@item

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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For an executable, the required form of the ``work that uses the Library'' must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license

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@enumerate a

@item

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Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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@end enumerate

```
@iftex
@heading END OF TERMS AND CONDITIONS
@end iftex
@ifinfo
@center END OF TERMS AND CONDITIONS
@end ifinfo
```

```
@page
@appendixsubsec How to Apply These Terms to Your New Libraries
```

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```
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@var{one line to give the library's name and an idea of what it does.}
Copyright (C) @var{year} @var{name of author}
```

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```
@end smallexample
```

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@smallexample

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'Frob' (a library for tweaking knobs) written by James Random Hacker.

@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

@end smallexample

That's all there is to it!

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(This file is under construction.) -\*- text -\*-

If you've contributed to gas and your name isn't listed here, it is  
not meant as a slight. I just don't know about it. Email me,  
nickc@redhat.com and I'll correct the situation.

This file will eventually be deleted: The general info will go into  
the documentation, and info on specific files will go into an AUTHORS  
file, as requested by the FSF.

+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for  
gdb-specific debug information and the 68k series machines, most of

the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in

relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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Version 2, June 1991

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Julian Seward, jseward@bzip.org  
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-----

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.....

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for

the "encodings.idna" module.

```
"""
```

```
import io, sys
```

```
from setuptools import setup
```

```
def main():
```

```
 python_version = sys.version_info[:2]
```

```
 if python_version < (2,7):
```

```
 raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
 package_data = {}
```

```
 exec(open('idna/package_data.py').read(), package_data)
```

```
 arguments = {
```

```
 'name': 'idna',
```

```
 'packages': ['idna'],
```

```
 'version': package_data['__version__'],
```

```
 'description': 'Internationalized Domain Names in Applications (IDNA)',
```

```
 'long_description': io.open("README.rst", encoding="UTF-8").read(),
```

```
 'author': 'Kim Davies',
```

```
 'author_email': 'kim@cynosure.com.au',
```

```
 'license': 'BSD-like',
```

```
 'url': 'https://github.com/kjd/idna',
```

```
 'classifiers': [
```

```
 'Development Status :: 5 - Production/Stable',
```

```
 'Intended Audience :: Developers',
```

```
 'Intended Audience :: System Administrators',
```

```
 'License :: OSI Approved :: BSD License',
```

```
 'Operating System :: OS Independent',
```

```
 'Programming Language :: Python',
```

```
 'Programming Language :: Python :: 2',
```

```
 'Programming Language :: Python :: 2.7',
```

```
 'Programming Language :: Python :: 3',
```

```
 'Programming Language :: Python :: 3.4',
```

```
 'Programming Language :: Python :: 3.5',
```

```
 'Programming Language :: Python :: 3.6',
```

```
 'Topic :: Internet :: Name Service (DNS)',
```

```
 'Topic :: Software Development :: Libraries :: Python Modules',
```

```
 'Topic :: Utilities',
```

```
],
```

```
 'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
```

```
 'test_suite': 'tests',
```

```
 }
```

```
 setup(**arguments)
```

```
if __name__ == '__main__':
 main()
```

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Version 3, 29 June 2007

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# 1.168 device-mapper-persistent-data 0.8.5

## 2.el7

### 1.168.1 Available under license :

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## 1.169 libxrender 0.9.10 1.e17

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## 1.170 perl-socket 2.010 5.e17

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```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) 19yy <name of author>
```

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```
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```

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a

program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1059819044\_1592505569.49/0/spring-boot-starter-web-2-2-6-release-sources-jar/META-INF/maven/org.springframework.boot/spring-boot-starter-web/pom.xml

# 1.174 rollup-plugin-peer-deps-external 2.0.0

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## 1.175 libsm 1.2.2 2.e17

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## 1.176 perl-parent 0.225 244.el7

## 1.177 setools 3.3.8 4.el7

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## 1.178 rimraf 2.6.3

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## 1.179 device-mapper-multipath 0.4.9 131.el7

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## 1.180 libxi 1.7.9 1.e17

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## 1.181 jbig-kit 2.0 11.e17

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<signature of Ty Coon>, 1 April 1989

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Version 3, 29 June 2007

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# 1.184 elastalert 0.1.35

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# 1.185 libjpeg-turbo 1.2.90 8.e17

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The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998

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This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

### DOCUMENTATION ROADMAP

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This file contains the following sections:

- OVERVIEW            General description of JPEG and the IJG software.
- LEGAL ISSUES        Copyright, lack of warranty, terms of distribution.
- REFERENCES         Where to learn more about JPEG.
- ARCHIVE LOCATIONS  Where to find newer versions of this software.
- RELATED SOFTWARE    Other stuff you should get.
- FILE FORMAT WARS    Software \*not\* to get.

TO DO            Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.doc     How to configure and install the IJG software.  
usage.doc      Usage instructions for cjpeg, djpeg, jpegtran,  
                 rdjpgcom, and wrjpgcom.  
\*.1             Unix-style man pages for programs (same info as usage.doc).  
wizard.doc     Advanced usage instructions for JPEG wizards only.  
change.log     Version-to-version change highlights.

Programmer and internal documentation:

libjpeg.doc    How to use the JPEG library in your own programs.  
example.c      Sample code for calling the JPEG library.  
structure.doc   Overview of the JPEG library's internal structure.  
filelist.doc    Road map of IJG files.  
coderrules.doc Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

## OVERVIEW

=====

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason,



support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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## REFERENCES

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We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at <ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published

by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department  
C-Cube Microsystems, Inc.  
1778 McCarthy Blvd.  
Milpitas, CA 95035  
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at <ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz>. There is also a plain text version at <ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from <ftp.sgi.com> or from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available

from <ftp://ftp.sgi.com/graphics/tiff/>.

## ARCHIVE LOCATIONS

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The "official" archive site for this software is <ftp.uu.net> (Internet address 192.48.96.9). The most recent released version can always be found there in directory `graphics/jpeg`. This particular version will be archived as <ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz>. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact [help@uunet.uu.net](mailto:help@uunet.uu.net) for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only <ftp.uu.net> is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (<ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/>), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the <ftp.uu.net> release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups `comp.graphics.misc`, `news.answers`, and other groups. It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other `news.answers` archive sites, including the official `news.answers` archive at [rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/](ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/). If you don't have Web or FTP access, send e-mail to [mail-server@rtfm.mit.edu](mailto:mail-server@rtfm.mit.edu) with body

- send `usenet/news.answers/jpeg-faq/part1`
- send `usenet/news.answers/jpeg-faq/part2`

## RELATED SOFTWARE

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Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making `cjpeg/djpeg` considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous

sites, notably <ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/>. Unfortunately PBMPPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from <ftp://havefun.stanford.edu/pub/jpeg/>. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

## FILE FORMAT WARS

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Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO

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The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to [jpeg-info@uunet.uu.net](mailto:jpeg-info@uunet.uu.net).

# 1.186 libref-array 0.1.5 27.e17

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Version 3, 29 June 2007

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```
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## 1.189 commons-beanutils 1.9.3

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## 1.192 simplejson 3.16.0

## 1.193 expat 2.1.0 11.el7

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//go:generate go run ../dev-tools/cmd/license/license_generate.go
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Upstream-Contact: Monica Sarbu <[monica@packetbeat.com](mailto:monica@packetbeat.com)>

Source: <https://github.com/packetbeat/packetbeat>

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mgo - MongoDB driver for Go

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```
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```

```
package simulator
```

```
import (
 "github.com/vmware/govmomi/object"
 "github.com/vmware/govmomi/vim25/methods"
 "github.com/vmware/govmomi/vim25/mo"
 "github.com/vmware/govmomi/vim25/soap"
 "github.com/vmware/govmomi/vim25/types"
)
```

```
// EvalLicense is the default license
```

```
var EvalLicense = types.LicenseManagerLicenseInfo{
 LicenseKey: "00000-00000-00000-00000-00000",
 EditionKey: "eval",
 Name: "Evaluation Mode",
 Properties: []types.KeyAnyValue{
 {
 Key: "feature",
 Value: types.KeyValue{
 Key: "serialuri:2",
 Value: "Remote virtual Serial Port Concentrator",
 },
 },
 {
 Key: "feature",
 Value: types.KeyValue{
 Key: "dvs",
 Value: "vSphere Distributed Switch",
 },
 },
 },
}
```

```
type LicenseManager struct {
 mo.LicenseManager
}
```

```
func NewLicenseManager(ref types.ManagedObjectReference) object.Reference {
 m := &LicenseManager{}
 m.Self = ref
 m.Licenses = []types.LicenseManagerLicenseInfo{EvalLicense}
```

```
if Map.IsVPX() {
 am := Map.Put(&LicenseAssignmentManager{}).Reference()
 m.LicenseAssignmentManager = &am
}
```

```

}

return m
}

type LicenseAssignmentManager struct {
 mo.LicenseAssignmentManager
}

func (m *LicenseAssignmentManager) QueryAssignedLicenses(req *types.QueryAssignedLicenses) soap.HasFault
{
 body := &methods.QueryAssignedLicensesBody{
 Res: &types.QueryAssignedLicensesResponse{ },
 }

 // EntityId can be a HostSystem or the vCenter InstanceUuid
 if req.EntityId != "" {
 if req.EntityId != Map.content().About.InstanceUuid {
 id := types.ManagedObjectReference{
 Type: "HostSystem",
 Value: req.EntityId,
 }

 if Map.Get(id) == nil {
 return body
 }
 }
 }

 body.Res.Returnval = []types.LicenseAssignmentManagerLicenseAssignment{
 {
 EntityId: req.EntityId,
 AssignedLicense: EvalLicense,
 },
 }

 return body
}

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```

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[github.com/armon/go-socks5](https://github.com/armon/go-socks5)  
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[github.com/davecgh/go-spew](https://github.com/davecgh/go-spew)  
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[github.com/dustin/go-humanize](https://github.com/dustin/go-humanize)  
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github.com/eapache/go-resiliency  
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github.com/eapache/go-xerial-snappy  
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github.com/eapache/queue

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github.com/gocarina/gocsv

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[github.com/golang/snappy](https://github.com/golang/snappy)  
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github.com/joeshaw/multierror

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github.com/klauspost/compress

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[github.com/klauspost/cpuid](https://github.com/klauspost/cpuid)  
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[github.com/klauspost/crc32](https://github.com/klauspost/crc32)  
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github.com/miekg/dns  
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github.com/mitchellh/hashstructure  
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github.com/mitchellh/mapstructure  
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[github.com/nranchev/go-libGeoIP](https://github.com/nranchev/go-libGeoIP)  
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[github.com/pierrec/lz4](https://github.com/pierrec/lz4)  
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github.com/pierre/gotestcover  
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github.com/pkg/errors  
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github.com/pmezard/go-difflib  
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github.com/rcrowley/go-metrics  
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[github.com/samuel/go-thrift](https://github.com/samuel/go-thrift)  
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github.com/satori/go.uuid

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github.com/shirou/gopsutil

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github.com/davecgh/go-spew

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github.com/pmezard/go-difflib

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mgo - MongoDB driver for Go

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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```
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```

```
package core
```

```
import (
 "testing"
```

```
 "github.com/stretchr/testify/assert"
```

```
 "github.com/elastic/beats/libbeat/beat"
```

```
 "github.com/elastic/beats/libbeat/logp"
```

```
 "github.com/elastic/beats/x-pack/functionbeat/licenser"
```

```
)
```

```
type dummySyncClient struct{ EventCount int }
```

```
func (dsc *dummySyncClient) Publish(event beat.Event) error {
 dsc.EventCount++
 return nil
}
```

```
func (dsc *dummySyncClient) PublishAll(events []beat.Event) error {
 dsc.EventCount += len(events)
 return nil
}
```

```
func (dsc *dummySyncClient) Close() error {
 return nil
}
```

```
func (dsc *dummySyncClient) Wait() {}
```

```
func TestLicenseAwareClient(t *testing.T) {
 t.Run("publish single event", func(t *testing.T) {
 testPublish(t, func(lac *LicenseAwareClient) (int, error) {
 return 1, lac.Publish(beat.Event{ })
 })
 })
}
```

```

t.Run("publish multiple events", func(t *testing.T) {
 testPublish(t, func(lac *LicenseAwareClient) (int, error) {
 return 2, lac.PublishAll([]beat.Event{beat.Event{}}, beat.Event{})
 })
})

func testPublish(t *testing.T, publish func(lac *LicenseAwareClient) (int, error)) {
 // Create strict license check.
 allowBasic := func(log *logp.Logger, l licenser.License) bool {
 return l.Is(licenser.Basic)
 }

 allowPlatinum := func(log *logp.Logger, l licenser.License) bool {
 return l.Is(licenser.Platinum)
 }

 t.Run("when license is valid first check", func(t *testing.T) {
 license := licenser.License{Mode: licenser.Basic}
 client := &dummySyncClient{}
 lac := NewLicenseAwareClient(client, allowBasic, allowPlatinum)
 defer lac.Close()
 lac.OnNewLicense(license)
 count, err := publish(lac)
 if !assert.NoError(t, err) {
 return
 }
 assert.Equal(t, count, client.EventCount)
 })

 t.Run("when license is valid second check", func(t *testing.T) {
 license := licenser.License{Mode: licenser.Platinum}
 client := &dummySyncClient{}
 lac := NewLicenseAwareClient(client, allowBasic, allowPlatinum)
 defer lac.Close()
 lac.OnNewLicense(license)
 count, err := publish(lac)
 if !assert.NoError(t, err) {
 return
 }
 assert.Equal(t, count, client.EventCount)
 })

 t.Run("when license is not valid", func(t *testing.T) {
 license := licenser.License{Mode: licenser.Gold}
 client := &dummySyncClient{}
 lac := NewLicenseAwareClient(client, allowBasic, allowPlatinum)
 defer lac.Close()
 })
}

```



```

lac.OnNewLicense(license)
_, err := publish(lac)
if assert.Error(t, err, errInvalidLicense) {
 return
}
assert.Equal(t, 0, client.EventCount)
})

t.Run("license is invalid by default", func(t *testing.T) {
 client := &dummySyncClient{}
 lac := NewLicenseAwareClient(client, allowBasic, allowPlatinum)
 defer lac.Close()
 _, err := publish(lac)
 if assert.Error(t, err, errInvalidLicense) {
 return
 }
 assert.Equal(t, 0, client.EventCount)
})
}

```

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```

```
package core
```

```
import (
 "errors"
```

```
 "github.com/elastic/beats/libbeat/beat"
 "github.com/elastic/beats/libbeat/common/atomic"
 "github.com/elastic/beats/libbeat/logp"
 "github.com/elastic/beats/x-pack/functionbeat/licenser"
)
```

```
var errInvalidLicense = errors.New("invalid license detected, cannot publish events")
```

```
// LicenseAwareClient is a client that enforce a specific license, the type implements the
// `License.Watcher` interface and will need to be registered to the license manager.
// The client instance will listen to license change and make sure that the required licenses
// match the current license.
```

```
type LicenseAwareClient struct {
 checks []licenser.CheckFunc
 client Client
 log *logp.Logger
 valid atomic.Bool
}
```

```
// NewLicenseAwareClient returns a new license aware client.
```

```
func NewLicenseAwareClient(
 client Client,
 checks ...licenser.CheckFunc,
) *LicenseAwareClient {
 return &LicenseAwareClient{log: logp.NewLogger("license-aware-client"), checks: checks, client: client}
}
```

```
// OnNewLicense receives a callback by the license manager when new license is available and control
```

```

// if we can send events to the client or not.
func (lac *LicenseAwareClient) OnNewLicense(license licenser.License) {
 valid := licenser.Validate(lac.log, license, lac.checks...)
 lac.valid.Swap(valid)
}

// OnManagerStopped receives a callback from the license manager when the manager is stopped.
func (lac *LicenseAwareClient) OnManagerStopped() {
 // NOOP but need to be implemented for the watcher interface.
}

// PublishAll check if the license allow us to send events.
func (lac *LicenseAwareClient) PublishAll(events []beat.Event) error {
 if lac.valid.Load() {
 return lac.client.PublishAll(events)
 }
 return errInvalidLicense
}

// Publish check if the license allow us to send events.
func (lac *LicenseAwareClient) Publish(event beat.Event) error {
 if lac.valid.Load() {
 return lac.client.Publish(event)
 }
 return errInvalidLicense
}

// Wait proxy the Wait() call to the original client.
func (lac *LicenseAwareClient) Wait() {
 lac.client.Wait()
}

```

```

// Close proxy the Close() call to the original client.
func (lac *LicenseAwareClient) Close() error {
 return lac.client.Close()
}

```

Elastic go-sysinfo

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package licenser

```
import (
 "time"

 "github.com/gofrs/uuid"
)

// License represents the license of this beat, the license is fetched and returned from
// the elasticsearch cluster.
//
// The x-pack endpoint returns the following JSON response.
//
// "license": {
// "uid": "936183d8-f48c-4a3f-959a-a52aa2563279",
// "type": "platinum",
// "mode": "platinum",
// "status": "active"
// },
//
// Definition:
// type is the installed license.
// mode is the license in operation. (effective license)
// status is the type installed is active or not.
type License struct {
 UUID uuid.UUID `json:"uid"`
 Type LicenseType `json:"type"`
 Mode LicenseType `json:"mode"`
 Status State `json:"status"`
 Features features `json:"features"`
 TrialExpiry expiryTime `json:"expiry_date_in_millis,omitempty"`
}

// Features defines the list of features exposed by the elasticsearch cluster.
type features struct {
 Graph graph `json:"graph"`
 Logstash logstash `json:"logstash"`
 ML ml `json:"ml"`
 Monitoring monitoring `json:"monitoring"`
 Rollup rollup `json:"rollup"`
 Security security `json:"security"`
 Watcher watcher `json:"watcher"`
```



```

}

type expiryTime time.Time

// Base define the field common for every feature.
type Base struct {
 Enabled bool `json:"enabled"`
 Available bool `json:"available"`
}

// Defines all the available features
type graph struct{ *Base }
type logstash struct{ *Base }
type ml struct{ *Base }
type monitoring struct{ *Base }
type rollup struct{ *Base }
type security struct{ *Base }
type watcher struct{ *Base }

// Get return the current license
func (l *License) Get() LicenseType {
 return l.Mode
}

// Cover returns true if the provided license is included in the range of license.
//
// Basic -> match basic, gold and platinum
// gold -> match gold and platinum
// platinum -> match platinum only
func (l *License) Cover(license LicenseType) bool {
 if l.Mode >= license {
 return true
 }
 return false
}

// Is returns true if the provided license is an exact match.
func (l *License) Is(license LicenseType) bool {
 return l.Mode == license
}

// IsActive returns true if the current license from the server is active.
func (l *License) IsActive() bool {
 return l.Status == Active
}

// IsTrial returns true if the remote cluster is in trial mode.
func (l *License) IsTrial() bool {

```

```

return l.Mode == Trial
}

// IsTrialExpired returns false if the we are not in trial mode and when we are in trial mode
// we check for the expiry data.
func (l *License) IsTrialExpired() bool {
if !l.IsTrial() {
return false
}

if time.Time(l.TrialExpiry).Sub(time.Now()) > 0 {
return false
}

return true
}

// EqualTo returns true if the two license are the same, we compare license to reduce the number
// message send to the watchers.
func (l *License) EqualTo(other *License) bool {
return l.UUID == other.UUID &&
l.Type == other.Type &&
l.Mode == other.Mode &&
l.Status == other.Status
}

```

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package licenser

```
import (
 "testing"
 "time"

 "github.com/stretchr/testify/assert"
)

func TestLicenseGet(t *testing.T) {
 tests := []struct {
 name string
 t LicenseType
 }{
 {
 name: "Basic",
 t: Basic,
 },
 {
 name: "Platinum",
 t: Platinum,
 },
 }

 for _, test := range tests {
 t.Run(test.name, func(t *testing.T) {
 l := License{Mode: test.t}
 assert.Equal(t, test.t, l.Get())
 })
 }

 func TestLicenseIs(t *testing.T) {
```

```

tests := []struct {
 name string
 t LicenseType
 query LicenseType
 expected bool
}{
 {
 name: "Basic and asking for Basic",
 t: Basic,
 query: Basic,
 expected: true,
 },
 {
 name: "Platinum and asking for Basic",
 t: Platinum,
 query: Basic,
 expected: true,
 },
 {
 name: "Basic and asking for Platinum",
 t: Basic,
 query: Platinum,
 expected: false,
 },
 {
 name: "Gold and asking for Gold",
 t: Gold,
 query: Gold,
 expected: true,
 },
}

for _, test := range tests {
 t.Run(test.name, func(t *testing.T) {
 l := License{Mode: test.t}
 assert.Equal(t, test.expected, l.Cover(test.query))
 })
}

```

```

func TestLicenseIsStrict(t *testing.T) {
 tests := []struct {
 name string
 t LicenseType
 query LicenseType
 expected bool
 }{
 {

```

```

name: "Basic and asking for Basic",
t: Basic,
query: Basic,
expected: true,
},
{
name: "Platinum and asking for Basic",
t: Platinum,
query: Basic,
expected: false,
},
{
name: "Basic and asking for Platinum",
t: Basic,
query: Platinum,
expected: false,
},
{
name: "Gold and asking for Gold",
t: Gold,
query: Gold,
expected: true,
},
}

for _, test := range tests {
t.Run(test.name, func(t *testing.T) {
l := License{Mode: test.t}
assert.Equal(t, test.expected, l.Is(test.query))
})
}
}

```

```

func TestIsActive(t *testing.T) {
tests := []struct {
name string
l License
expected bool
}{
{
name: "active",
l: License{Status: Active},
expected: true,
},
{
name: "inactive",
l: License{Status: Inactive},
expected: false,
}
}
}

```

```

 },
}

for _, test := range tests {
 t.Run(test.name, func(t *testing.T) {
 assert.Equal(t, test.expected, test.l.IsActive())
 })
}
}

```

```

func TestIsTrial(t *testing.T) {
 tests := []struct {
 name string
 l License
 expected bool
 }{
 {
 name: "is a trial license",
 l: License{Mode: Trial},
 expected: true,
 },
 {
 name: "is not a trial license",
 l: License{Mode: Basic},
 expected: false,
 },
 }
}

```

```

for _, test := range tests {
 t.Run(test.name, func(t *testing.T) {
 assert.Equal(t, test.expected, test.l.IsTrial())
 })
}
}

```

```

func TestIsTrialExpired(t *testing.T) {
 tests := []struct {
 name string
 l License
 expected bool
 }{
 {
 name: "trial is expired",
 l: License{Mode: Trial, TrialExpiry: expiryTime(time.Now()).Add(-2 * time.Hour)},
 expected: true,
 },
 {
 name: "trial is not expired",

```

```

l: License{Mode: Trial, TrialExpiry: expiryTime(time.Now().Add(2 * time.Minute))},
 expected: false,
 },
 {
 name: "license is not on trial",
 l: License{Mode: Basic, TrialExpiry: expiryTime(time.Now().Add(2 * time.Minute))},
 expected: false,
 },
 }

```

```

for _, test := range tests {
 t.Run(test.name, func(t *testing.T) {
 assert.Equal(t, test.expected, test.l.IsTrialExpired())
 })
}

```

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```

```
package beater
```

```
import (
 "github.com/elastic/beats/libbeat/logp"
 "github.com/elastic/beats/x-pack/functionbeat/licenser"
)
```

```
func checkLicense(log *logp.Logger, license licenser.License) bool {
 return licenser.CheckBasic(log, license) || licenser.CheckTrial(log, license)
}
```

```
GoFormation
```

```
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// Code generated by beats/dev-tools/cmd/license/license_generate.go - DO NOT EDIT.
```

```
package licenses
```

```
import "fmt"
```

```
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//
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```

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`

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`

func Find(name string) (string, error) {
switch name {

case "ASL2":
return ASL2, nil
case "Elastic":
return Elastic, nil
}
return "", fmt.Errorf("unknown license: %s", name)
}

```

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Version: 7b021494a9562d0c3f0422d49b9980709c5650e9  
Revision: bb1581babc04d5cb29a2bfa7a9ac6781c730c8dd  
License type (autodetected): Apache-2.0  
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Version: v0.9.0  
Revision: 237dff72b4ba95da2cd985f96a9c0ede4aefc760  
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Dependency: github.com/ericchiang/k8s  
Version: =v1.0.0/in-cluster-ipv6  
Revision: 33b346590d1dd4eaac217471671f736bcdab492d  
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Version: v1.5.0  
Revision: 570b54cabe6b8eb0bc2dfce68d964677d63b5260  
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Revision: 7a6b2bf521e95097a92ec848001531b2dcf0f3fa  
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Dependency: [github.com/google/uuid](https://github.com/google/uuid)  
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Version: kubernetes-1.11.1

Revision: 103fd098999dc9c0c88536f5c9ad2e5da39373ae

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Dependency: [github.com/pmezard/go-difflib](https://github.com/pmezard/go-difflib)  
Version: v1.0.0  
Revision: 792786c7400a136282c1664665ae0a8db921c6c2  
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Revision: 99fa1f4be8e564e8a6b613da7fa6f46c9edafc6c  
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Version: v2.18.06  
Revision: 4a180b209f5f494e5923cfce81ea30ba23915877  
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Revision: 156d532d4f67148ceab07c3b59ed7fa13bdbf00c  
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mgo - MongoDB driver for Go

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## 0.33.20140113.el7.centos

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## 1.212 miekg-dns

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## 1.213 gobject-introspection 1.56.1 1.e17

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```

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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## 1.219 pycryptodomex 3.9.4

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## 1.222 prop-types 15.7.2

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*/

#include <glibmm/object.h>
#include <giomm/cancellable.h>
#include <giomm/asyncreult.h>

_DEFS(giomm,gio)
_PINCLUDE(glibmm/private/object_p.h)
_PINCLUDE(gio/gio.h)

namespace Gio
{

/** An object representing the permission to perform a certain action.
*
* A Permission represents the status of the caller's permission to
* perform a certain action.
*
* You can query if the action is currently allowed and if it is
* possible to acquire the permission so that the action will be allowed
* in the future.
*
* There is also an API to actually acquire the permission and one to
* release it.
*
* As an example, a Permission might represent the ability for the
* user to write to a Settings object. This Permission object could
* then be used to decide if it is appropriate to show a "Click here to
* unlock" button in a dialog and to provide the mechanism to invoke
```



```

* when that button is clicked.
*
* @newin{2,42}
*/
class Permission : public Glib::Object
{
 _CLASS_GOBJECT(Permission, GPermission, G_PERMISSION, Glib::Object, GObject)

public:

 _WRAP_METHOD(bool acquire(const Glib::RefPtr<Cancellable>& cancellable{?}), g_permission_acquire,
errthrow)
 _WRAP_METHOD(void acquire_async(const SlotAsyncReady& slot{callback}, const
Glib::RefPtr<Cancellable>& cancellable{.?}), g_permission_acquire_async, slot_name slot, slot_callback
SignalProxy_async_callback)
 _WRAP_METHOD(bool acquire_finish(const Glib::RefPtr<AsyncResult>& result), g_permission_acquire_finish,
errthrow)

 _WRAP_METHOD(bool release(const Glib::RefPtr<Cancellable>& cancellable{?}), g_permission_release,
errthrow)
 _WRAP_METHOD(void release_async(const SlotAsyncReady& slot{callback}, const
Glib::RefPtr<Cancellable>& cancellable{.?}), g_permission_release_async, slot_name slot, slot_callback
SignalProxy_async_callback)
 _WRAP_METHOD(bool release_finish(const Glib::RefPtr<AsyncResult>& result), g_permission_release_finish,
errthrow)

 _WRAP_METHOD(bool get_allowed() const, g_permission_get_allowed)
 _WRAP_METHOD(bool get_can_acquire() const, g_permission_get_can_acquire)
 _WRAP_METHOD(bool get_can_release() const, g_permission_get_can_release)

 _WRAP_PROPERTY("allowed", bool)
 _WRAP_PROPERTY("can-acquire", bool)
 _WRAP_PROPERTY("can-release", bool)

protected:

 _CTOR_DEFAULT

 // A copy is needed for vfuncs, i.e. Glib::wrap($3, true)
 #m4 _CONVERSION(`GAsyncResult*',`const Glib::RefPtr<AsyncResult>&`,`Glib::wrap($3, true)')
 #m4 _CONVERSION(`GCancellable*',`const Glib::RefPtr<Cancellable>&`,`Glib::wrap($3, true)')

 _WRAP_VFUNC(bool acquire(const Glib::RefPtr<Cancellable>& cancellable), acquire, errthrow)
 _WRAP_VFUNC(void acquire_async(const SlotAsyncReady& slot{callback}, const Glib::RefPtr<Cancellable>&
cancellable{.}), acquire_async, slot_name slot, slot_callback SignalProxy_async_callback)
 _WRAP_VFUNC(bool acquire_finish(const Glib::RefPtr<AsyncResult>& result), acquire_finish, errthrow)

 _WRAP_VFUNC(bool release(const Glib::RefPtr<Cancellable>& cancellable), release, errthrow)

```

```

_WRAP_VFUNC(void release_async(const SlotAsyncReady& slot{callback}, const Glib::RefPtr<Cancellable>&
cancellable{.}), release_async, slot_name slot, slot_callback SignalProxy_async_callback)
_WRAP_VFUNC(bool release_finish(const Glib::RefPtr<AsyncResult>& result), release_finish, errthrow)

// You should never call this function except from a Gio::Permission implementation.
_WRAP_METHOD(void impl_update(bool allowed, bool can_acquire, bool can_release),
g_permission_impl_update)
};

} // namespace Gio
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Version 2, June 1991

```

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```
<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

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Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

```
<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
```

```
That's all there is to it!
// Generated by gmmproc 2.54.1 -- DO NOT MODIFY!
#ifndef _GIOMM_PERMISSION_H
#define _GIOMM_PERMISSION_H
```

```

#include <glibmm/ustring.h>
#include <sigc++/sigc++.h>

/* Copyright (C) 2014 The giomm Development Team
 *
 * This library is free software; you can redistribute it and/or
 * modify it under the terms of the GNU Lesser General Public
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 * version 2.1 of the License, or (at your option) any later version.
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 */

#include <glibmm/object.h>
#include <giomm/cancellable.h>
#include <giomm/asyncreresult.h>

#ifdef DOXYGEN_SHOULD_SKIP_THIS
using GPermission = struct _GPermission;
using GPermissionClass = struct _GPermissionClass;
#endif /* DOXYGEN_SHOULD_SKIP_THIS */

#ifdef DOXYGEN_SHOULD_SKIP_THIS
namespace Gio
{ class Permission_Class; } // namespace Gio
#endif //DOXYGEN_SHOULD_SKIP_THIS

namespace Gio
{
 /** An object representing the permission to perform a certain action.
 *
 * A Permission represents the status of the caller's permission to
 * perform a certain action.
 *
 * You can query if the action is currently allowed and if it is
 * possible to acquire the permission so that the action will be allowed
 * in the future.
 */

```

```

*
* There is also an API to actually acquire the permission and one to
* release it.
*
* As an example, a Permission might represent the ability for the
* user to write to a Settings object. This Permission object could
* then be used to decide if it is appropriate to show a "Click here to
* unlock" button in a dialog and to provide the mechanism to invoke
* when that button is clicked.
*
* @newin{2,42}
*/

```

```

class Permission : public Glib::Object
{

#ifdef DOXYGEN_SHOULD_SKIP_THIS

public:
 using CppObjectType = Permission;
 using CppClassType = Permission_Class;
 using BaseObjectType = GPermission;
 using BaseClassType = GPermissionClass;

 // noncopyable
 Permission(const Permission&) = delete;
 Permission& operator=(const Permission&) = delete;

private: friend class Permission_Class;
 static CppClassType permission_class_;

protected:
 explicit Permission(const Glib::ConstructParams& construct_params);
 explicit Permission(GPermission* castitem);

#endif /* DOXYGEN_SHOULD_SKIP_THIS */

public:

 Permission(Permission&& src) noexcept;
 Permission& operator=(Permission&& src) noexcept;

 ~Permission() noexcept override;

 /** Get the GType for this class, for use with the underlying GObject type system.
 */
 static GType get_type() G_GNUC_CONST;

```

```

#ifndef DOXYGEN_SHOULD_SKIP_THIS

static GType get_base_type() G_GNUC_CONST;
#endif

//Provides access to the underlying C GObject.
GPermission* gobj() { return reinterpret_cast<GPermission*>(gobject_); }

//Provides access to the underlying C GObject.
const GPermission* gobj() const { return reinterpret_cast<GPermission*>(gobject_); }

//Provides access to the underlying C instance. The caller is responsible for unrefing it. Use when directly setting
fields in structs.
GPermission* gobj_copy();

private:

public:

/** Attempts to acquire the permission represented by @a permission.
 *
 * The precise method by which this happens depends on the permission
 * and the underlying authentication mechanism. A simple example is
 * that a dialog may appear asking the user to enter their password.
 *
 * You should check with g_permission_get_can_acquire() before calling
 * this function.
 *
 * If the permission is acquired then <tt>true</tt> is returned. Otherwise,
 * <tt>false</tt> is returned and @a error is set appropriately.
 *
 * This call is blocking, likely for a very long time (in the case that
 * user interaction is required). See g_permission_acquire_async() for
 * the non-blocking version.
 *
 * @newin{2,26}
 *
 * @param cancellable A Cancellable, or <tt>nullptr</tt>.
 * @return <tt>true</tt> if the permission was successfully acquired.
 *
 * @throws Glib::Error
 */
bool acquire(const Glib::RefPtr<Cancellable>& cancellable);

// A acquire() convenience overload.

```

```

bool acquire();

/** Attempts to acquire the permission represented by @a permission.
 *
 * This is the first half of the asynchronous version of
 * g_permission_acquire().
 *
 * @newin{2,26}
 *
 * @param cancellable A Cancellable, or <tt>nullptr</tt>.
 * @param slot The SlotAsyncReady to call when done.
 */
void acquire_async(const SlotAsyncReady& slot, const Glib::RefPtr<Cancellable>& cancellable);

/// A acquire_async() convenience overload.
void acquire_async(const SlotAsyncReady& slot);

/** Collects the result of attempting to acquire the permission
 * represented by @a permission.
 *
 * This is the second half of the asynchronous version of
 * g_permission_acquire().
 *
 * @newin{2,26}
 *
 * @param result The AsyncResult given to the SlotAsyncReady.
 * @return <tt>true</tt> if the permission was successfully acquired.
 *
 * @throws Glib::Error
 */
bool acquire_finish(const Glib::RefPtr<AsyncResult>& result);

/** Attempts to release the permission represented by @a permission.
 *
 * The precise method by which this happens depends on the permission
 * and the underlying authentication mechanism. In most cases the
 * permission will be dropped immediately without further action.
 *
 * You should check with g_permission_get_can_release() before calling
 * this function.
 *
 * If the permission is released then <tt>true</tt> is returned. Otherwise,
 * <tt>false</tt> is returned and @a error is set appropriately.
 *
 * This call is blocking, likely for a very long time (in the case that
 * user interaction is required). See g_permission_release_async() for
 * the non-blocking version.

```

```

*
* @newin{2,26}
*
* @param cancellable A Cancellable, or <tt>nullptr</tt>.
* @return <tt>true</tt> if the permission was successfully released.
*
* @throws Glib::Error
*/
bool release(const Glib::RefPtr<Cancellable>& cancellable);

/// A release() convenience overload.
bool release();

/** Attempts to release the permission represented by @a permission.
*
* This is the first half of the asynchronous version of
* g_permission_release().
*
* @newin{2,26}
*
* @param cancellable A Cancellable, or <tt>nullptr</tt>.
* @param slot The SlotAsyncReady to call when done.
*/
void release_async(const SlotAsyncReady& slot, const Glib::RefPtr<Cancellable>& cancellable);

/// A release_async() convenience overload.
void release_async(const SlotAsyncReady& slot);

/** Collects the result of attempting to release the permission
* represented by @a permission.
*
* This is the second half of the asynchronous version of
* g_permission_release().
*
* @newin{2,26}
*
* @param result The AsyncResult given to the SlotAsyncReady.
* @return <tt>true</tt> if the permission was successfully released.
*
* @throws Glib::Error
*/
bool release_finish(const Glib::RefPtr<AsyncResult>& result);

/** Gets the value of the 'allowed' property. This property is <tt>true</tt> if
* the caller currently has permission to perform the action that
* @a permission represents the permission to perform.
*

```



```

* @newin{2,26}
*
* @return The value of the 'allowed' property.
*/
bool get_allowed() const;

/** Gets the value of the 'can-acquire' property. This property is <tt>true</tt>
* if it is generally possible to acquire the permission by calling
* g_permission_acquire().
*
* @newin{2,26}
*
* @return The value of the 'can-acquire' property.
*/
bool get_can_acquire() const;

/** Gets the value of the 'can-release' property. This property is <tt>true</tt>
* if it is generally possible to release the permission by calling
* g_permission_release().
*
* @newin{2,26}
*
* @return The value of the 'can-release' property.
*/
bool get_can_release() const;

/** <tt>true</tt> if the caller currently has permission to perform the action that
* @a permission represents the permission to perform.
*
* Default value: <tt>>false</tt>
*
* @return A PropertyProxy_ReadOnly that allows you to get the value of the property,
* or receive notification when the value of the property changes.
*/
Glib::PropertyProxy_ReadOnly< bool > property_allowed() const;

/** <tt>true</tt> if it is generally possible to acquire the permission by calling
* g_permission_acquire().
*
* Default value: <tt>>false</tt>
*
* @return A PropertyProxy_ReadOnly that allows you to get the value of the property,
* or receive notification when the value of the property changes.
*/
Glib::PropertyProxy_ReadOnly< bool > property_can_acquire() const;

```

```

/** <tt>true</tt> if it is generally possible to release the permission by calling
 * g_permission_release().
 *
 * Default value: <tt>>false</tt>
 *
 * @return A PropertyProxy_ReadOnly that allows you to get the value of the property,
 * or receive notification when the value of the property changes.
 */
Glib::PropertyProxy_ReadOnly< bool > property_can_release() const;

protected:

Permission();

// A copy is needed for vfuncs, i.e. Glib::wrap($3, true)

/// @throws Glib::Error.
virtual bool acquire_vfunc(const Glib::RefPtr<Cancellable>& cancellable);

 virtual void acquire_async_vfunc(const SlotAsyncReady& slot, const Glib::RefPtr<Cancellable>& cancellable);

/// @throws Glib::Error.
virtual bool acquire_finish_vfunc(const Glib::RefPtr<AsyncResult>& result);

/// @throws Glib::Error.
virtual bool release_vfunc(const Glib::RefPtr<Cancellable>& cancellable);

 virtual void release_async_vfunc(const SlotAsyncReady& slot, const Glib::RefPtr<Cancellable>& cancellable);

/// @throws Glib::Error.
virtual bool release_finish_vfunc(const Glib::RefPtr<AsyncResult>& result);

// You should never call this function except from a Gio::Permission implementation.

/** This function is called by the Permission implementation to update
 * the properties of the permission. You should never call this
 * function except from a Permission implementation.
 *
 * GObject notify signals are generated, as appropriate.
 *
 * @newin{2,26}
 *
 * @param allowed The new value for the 'allowed' property.
 * @param can_acquire The new value for the 'can-acquire' property.

```

```

* @param can_release The new value for the 'can-release' property.
*/
void impl_update(bool allowed, bool can_acquire, bool can_release);

public:

public:
//C++ methods used to invoke GTK+ virtual functions:

protected:
//GTK+ Virtual Functions (override these to change behaviour):

//Default Signal Handlers::

};

} // namespace Gio

namespace Glib
{
/** A Glib::wrap() method for this object.
*
* @param object The C instance.
* @param take_copy False if the result should take ownership of the C instance. True if it should take a new copy
or ref.
* @result A C++ instance that wraps this C instance.
*
* @relates Gio::Permission
*/
Glib::RefPtr<Gio::Permission> wrap(GPermission* object, bool take_copy = false);
}

#endif /* _GIOMM_PERMISSION_H */

```

## 1.224 xkeyboard-config 2.24 1.e17

## 1.225 libassuan 2.1.0 3.e17

## 1.225.1 Available under license :

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Version 3, 29 June 2007

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## 1.226 dlintw-goconf master

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## 1.227 json-c 0.11 4.el7\_0

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```
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# 1.229 polkit-pkla-compat 0.1 4.e17

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the

users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the

Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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## 1.230 python-linux-procfs 0.4.11 4.e17

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```
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 *
 * JQuery Mapael - Dynamic maps jQuery plugin (based on raphael.js)
 * Requires jQuery and raphael.js
 *
 * Version: 1.1.0
 *
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 */
```

## 1.234 samba 4.10.4 10.el7

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## 1.236 libice 1.0.9 9.e17

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Author: Ralph Mor, X Consortium

## 1.237 antd 3.22.0

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---

order: 1

title:

zh-CN:

en-US: Notice Calendar

---

## zh-CN

`dateCellRender` `monthCellRender`

## en-US

This component can be rendered by using `dateCellRender` and `monthCellRender` with the data you need.

```
```jsx
```

```
import { Calendar, Badge } from 'antd';
```

```
function getListData(value) {
```

```
  let listData;
```

```
  switch (value.date()) {
```

```
    case 8:
```

```
      listData = [
```

```
        { type: 'warning', content: 'This is warning event.' },
```

```
        { type: 'success', content: 'This is usual event.' },
```

```
      ];
```

```
      break;
```

```
    case 10:
```

```
      listData = [
```

```
        { type: 'warning', content: 'This is warning event.' },
```

```
        { type: 'success', content: 'This is usual event.' },
```

```
        { type: 'error', content: 'This is error event.' },
```

```
      ];
```

```

    break;
case 15:
    listData = [
      { type: 'warning', content: 'This is warning event' },
      { type: 'success', content: 'This is very long usual event....' },
      { type: 'error', content: 'This is error event 1.' },
      { type: 'error', content: 'This is error event 2.' },
      { type: 'error', content: 'This is error event 3.' },
      { type: 'error', content: 'This is error event 4.' },
    ];
    break;
default:
}
return listData || [];
}

function dateCellRender(value) {
  const listData = getListData(value);
  return (
    <ul className="events">
      {listData.map(item => (
        <li key={item.content}>
          <Badge status={item.type} text={item.content} />
        </li>
      ))}
    </ul>
  );
}

function getMonthData(value) {
  if (value.month() === 8) {
    return 1394;
  }
}

function monthCellRender(value) {
  const num = getMonthData(value);
  return num ? (
    <div className="notes-month">
      <section>{num}</section>
      <span>Backlog number</span>
    </div>
  ) : null;
}

ReactDOM.render(
  <Calendar dateCellRender={dateCellRender} monthCellRender={monthCellRender} />,
  mountNode,

```

```
);  
````  

````css  
.events {  
  list-style: none;  
  margin: 0;  
  padding: 0;  
}  
.events .ant-badge-status {  
  overflow: hidden;  
  white-space: nowrap;  
  width: 100%;  
  text-overflow: ellipsis;  
  font-size: 12px;  
}  
.notes-month {  
  text-align: center;  
  font-size: 28px;  
}  
.notes-month section {  
  font-size: 28px;  
}  
````
```

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# 1.238 apache-common-codec 1.9

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`src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java`

contains test data from <http://aspell.net/test/orig/batch0.tab>.

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## 1.239 bind 9.11.4 16.P2.e17\_8.2

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-->

```
<!-- Generate ISC copyright comments from Docbook copyright metadata. -->
```

```
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:xi="http://www.w3.org/2001/XInclude"
xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">
 <xsl:param name="text"/>
 <xsl:value-of select="$isc.copyright.leader"/>
 <xsl:value-of select="normalize-space(substring-before($text, '
'))"/>
 <xsl:text>
</xsl:text>
 <xsl:variable name="rest" select="substring-after($text, '
')"/>
 <xsl:if test="translate($rest, '	 ', '')">
 <xsl:call-template name="isc.copyright.format">
 <xsl:with-param name="text" select="$rest"/>
 </xsl:call-template>
 </xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
 <xsl:text>
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 </xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
 <xsl:call-template name="isc.copyright.format">
 <xsl:with-param name="text">
 <xsl:for-each select="book/info/copyright | refentry/docinfo/copyright">
 <xsl:text>Copyright (C) </xsl:text>
 <xsl:call-template name="copyright.years">
 <xsl:with-param name="years" select="year"/>
 </xsl:call-template>
 <xsl:text> </xsl:text>
 <xsl:value-of select="holder"/>
 <xsl:value-of select="$isc.copyright.breakline"/>
 <xsl:text>
</xsl:text>
 </xsl:for-each>
 <xsl:value-of select="$isc.copyright.text"/>
 </xsl:with-param>
</xsl:call-template>
</xsl:variable>
</xsl:stylesheet>
```

<!--

- Local variables:

- mode: sgml

- End:

-->

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Automated Testing Framework

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\* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

\* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

\* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

\* `admin/check-style.sh`, `admin/check-style-common.awk`, `admin/check-style-cpp.awk`, `admin/check-style-shell.awk`: These files,

except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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=====

vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

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## 1.242 go-yaml-yaml 2.3.0

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# 1.243 linux-firmware 20180220

## 62.git6d51311.e17

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Paul Borman <borman@google.com>

bmatsuo

shawnps

theory

jboverfelt

dsymonds

cd1

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## 1.248 rollup-plugin-node-resolve 3.0.2

## 1.249 python-requests 2.6.0 9.e17\_8

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Requests includes some vendored python libraries to ease installation.

Urllib3 License

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```
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```

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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## 1.251 python-enum 1.1.6

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## 1.252 guard 1.022

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## 1.253 libxt 1.1.5 3.el7

## 1.254 chokidar 1.4.2

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## 1.255 lua-resty-http 0.07-0

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## 1.256 dhcp 4.2.5 79.e17

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-->
```

```
<!-- $Id: copyright.xml,v 1.8 2009/07/10 23:47:58 tbox Exp $ -->
```

```
<!-- Generate ISC copyright comments from Docbook copyright metadata. -->
```

```
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">
```

```
<xsl:template name="isc.copyright.format">
 <xsl:param name="text"/>
 <xsl:value-of select="$isc.copyright.leader"/>
 <xsl:value-of select="normalize-space(substring-before($text, '#10;'))"/>
 <xsl:text>#10;</xsl:text>
 <xsl:variable name="rest" select="substring-after($text, '#10;')"/>
```

```

<xsl:if test="translate($rest, '	 ', ')">
 <xsl:call-template name="isc.copyright.format">
 <xsl:with-param name="text" select="$rest"/>
 </xsl:call-template>
</xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
 <xsl:text>
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 </xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
 <xsl:call-template name="isc.copyright.format">
 <xsl:with-param name="text">
 <xsl:for-each select="/refentry/docinfo/copyright | /book/bookinfo/copyright">
 <xsl:text>Copyright (C) </xsl:text>
 <xsl:call-template name="copyright.years">
 <xsl:with-param name="years" select="year"/>
 </xsl:call-template>
 <xsl:text> </xsl:text>
 <xsl:value-of select="holder"/>
 <xsl:text>
</xsl:text>
 </xsl:for-each>
 <xsl:value-of select="$isc.copyright.text"/>
 </xsl:with-param>
 </xsl:call-template>
</xsl:variable>

</xsl:stylesheet>

<!--
- Local variables:
- mode: sgml
- End:
-->

```

```
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\* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

\* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

\* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

\* `admin/check-style.sh`, `admin/check-style-common.awk`, `admin/check-style-cpp.awk`, `admin/check-style-shell.awk`: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

Author: Julio Merino <jmmv84@gmail.com>

---

vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

## 1.257 go-multierror

# b7773ae218740a7be65057fc60b366a49b538a4 4 1.0

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## 1.260 kibana-vis-dropdown 1

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hostname -- set the host name or show the host/domain name

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threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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```
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```

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```

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```
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```

library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990

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```
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```

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## 1.264 chardet 3.0.4

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Version 2.1, February 1999

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## 1.265 rabbitmq-server 3.6.9 1.el7.centos

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```
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A "license notice" is a statement of permissions, and is usually much longer, eg the text "GNU Emacs is free software...".

Summary for the impatient:

1. Don't add code to Emacs written by someone other than yourself without thinking about the legal aspect. Even if the changes are trivial, consider if they combine with previous changes by the same author to make a non-trivial total. If so, make sure they have an assignment. If adding a whole file adjust the copyright statements in the file.
2. When installing code written by someone else, the ChangeLog entry should be in the name of the author of the code, not the person who installs it. Also use bzd commit's "--author" option.  
Do not install any of your own changes in the same commit.
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4. If you add a lot of text to a previously trivial file that had no legal notices, consider if you should add a copyright statement.
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The definition of triviality is a little vague, but a rule of thumb is that any file with less than 15 lines of actual content is trivial. If a file is auto-generated (eg ldefs-boot.el) from another one in the repository, then it does not really matter about adding a copyright statement to the generated file.

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It can be helpful to put a reminder comment at the start of a trivial file, eg: "add a license notice if this grows to > 10 lines of code".

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All README (and other such text files) that are non-trivial should contain copyright statements and GPL license notices, exactly as .el files do (see e.g. README in the top-level directory). Before 2007, we used a simple, short statement permitting copying and modification provided legal notices were retained. In Feb 2007 we switched to the standard GPL text, on legal advice. Some older text files in etc/ should, however, keep their current licenses (see below for list).

For image files, the copyright and license details should be recorded in a README file in each directory with images. (Legal advice says that we need not add notices to each image file individually, if they allow for that.). It is recommended to use the word "convert" to describe the automatic process of changing an image from one format to another (<http://lists.gnu.org/archive/html/emacs-devel/2007-02/msg00618.html>).

When installing a file with an "unusual" license (after checking first it is ok), put a copy of the copyright and license in the file (if possible. It's ok if this makes the file incompatible with its original format, if it can still be used by Emacs), or in a README file in the relevant directory.

The vast majority of files are copyright FSF and distributed under the GPL. A few files (mainly related to language and charset support) are copyright AIST alone, or both AIST and FSF. (Contact Kenichi Handa with questions about legal issues in such files.) In all these cases, the copyright years in each file should be updated each year.

There are some exceptions to the points in the previous paragraph, and these are listed below for reference, together with any files where the copyright needs to be updated in "unusual" ways.

If you find any other such cases, please consult to check they are ok, and note them in this file. This includes missing copyright notices, and "odd" copyright holders. In most cases, individual authors should not appear in copyright statements. Either the copyright has been assigned (check copyright.list) to the FSF (in which case the original author should be removed and the year(s) transferred to the FSF); or else it is possible the file should not be in Emacs at all (please report!).

Note that it seems painfully clear that one cannot rely on commit logs, or even ChangeLogs, for older changes. People often installed changes from others, without recording the true authorship.

[For reference, most of these points were established via email with rms, 2007/1, "Copyright years".

In March 2011, information on some files no longer included was removed. Consult older versions of this document if interested.]

```
lisp/version.el # emacs-copyright
lib-src/ebrowse.c # version
lib-src/etags.c # print_version
lib-src/rcs2log # Copyright
Cocoa/Emacs.base/Contents/Info.plist
Cocoa/Emacs.base/Contents/Resources/English.lproj/InfoPlist.strings
GNUstep/Emacs.base/Resources/Info-gnustep.plist
`set-copyright' in admin.el will do all the above.
```

```
aclocal.m4
configure
m4/*.m4
- copyright FSF, with unlimited permission to copy, distribute and modify
```

```
lib/Makefile.in
- copyright FSF, with MIT-like license
```

```
build-aux/install-sh
- this file is copyright MIT, which is OK. Leave the copyright alone.
```

```
etc/refcards/*.tex
also update the \def\year macro for the latest year.
```

```
etc/future-bug
- doesn't need a humorless disclaimer, because Karl Fogel says we
can consider it part of Emacs, and he has a blanker disclaimer for
Emacs changes. (email to rgm "[Emacs-commit] emacs/etc future-bug",
2007028)
```

etc/letter.pbm,letter.xpm

- trivial, no notice needed.

<<http://lists.gnu.org/archive/html/emacs-devel/2007-02/msg00324.html>>

etc/FTP, ORDERS

- trivial (at time of writing), no license needed

etc/GNU, INTERVIEW, LINUX-GNU, MOTIVATION, SERVICE, THE-GNU-PROJECT,  
WHY-FREE

rms: "These are statements of opinion or testimony. Their licenses should permit verbatim copying only. Please don't change the licenses that they have. They are distributed with Emacs but they are not part of Emacs."

etc/HELLO

standard notices. Just a note that although the file itself is not really copyrightable, in the wider context of it being part of Emacs (and written by those with assignments), a standard notice is fine.

etc/MAILINGLISTS

rms: simple license is fine for this file

leim/CXTERM-DIC/4Corner.tit, ARRAY30.tit, CCDOSPY.tit, ECDICT.tit, ETZY.tit, PY-b5.tit, Punct-b5.tit, Punct.tit, QJ-b5.tit, QJ.tit, SW.tit, TONEPY.tit, ZOZY.tit

- leave the copyrights alone.

leim/MISC-DIC/CTLau-b5.html, CTLau.html, cangjie-table.b5, cangjie-table.cns, pinyin.map, ziranma.cin

- leave the copyright alone.

Note that pinyin.map, ziranma.cin (and hence the generated

leim/quail/PY.el, ZIRANMA.el) are under GPLv1 or later.

leim/SKK-DIC/SKK-JISYO.L

ja-dic/ja-dic.el

(the latter is auto-generated from the former). Leave the copyright alone.

lib-src/etags.c

Copyright information is duplicated in etc/ETAGS.README. Update that file too.

Until 2007 etags.c was described as being copyright FSF and Ken Arnold.

After some investigation in Feb 2007, then to the best of our

knowledge we believe that the original 1984 Emacs version was based

on the version in BSD4.2. See for example this 1985 post from Ken Arnold:

<[http://groups.google.com/group/mod.sources/browse\\_thread/thread/ffe5c55845a640a9](http://groups.google.com/group/mod.sources/browse_thread/thread/ffe5c55845a640a9)>

I have received enough requests for the current source to ctags to post it. Here is the latest version (what will go out with 4.3, modulo any bugs fixed during the beta period). It is the 4.2 ctags with recognition of yacc and lex tags added.

See also a 1984 version of ctags (no copyright) posted to net.sources:  
<<http://groups.google.com/group/net.sources/msg/a21b6c21be12a98d>>  
Version of etags.c in emacs-16.56 duplicates comment typos.

Accordingly, in Feb 2007 we added a 1984 copyright for the University of California and a revised BSD license. The terms of this require that the full license details be available in binary distributions - hence the file etc/ETAGS.README. The fact that the --version output just says "Copyright <year> FSF" is apparently OK from a legal point of view.

`lisp/cedet/semantic/imenu.el`

- See <http://lists.gnu.org/archive/html/emacs-devel/2010-03/msg00410.html> in which Eric Ludlam established that the remaining contributions from authors other than himself were negligible.

`lisp/play/tetris.el`

- no special rules about the copyright. We note here that we believe (2007/1) there is no problem with our use of the name "tetris" or the concept.

rms: "My understanding is that game rules as such are not copyrightable."

<<http://lists.gnu.org/archive/html/emacs-devel/2007-01/msg00960.html>>

rms: Legal advice is that we are ok and need not worry about this.

`lisp/net/tramp.el`

- there are also copyrights in the body of the file. Update these too.

`lplib/`

rms (2007/02/17): "lplib is not assigned to the FSF; we don't consider it part of Emacs. [...] Therefore non-FSF copyrights are ok in lplib."

NB don't change the GPL version used for lplib .c and .h files (see below).

FSF copyrights should only appear in files which have undergone non-trivial cumulative changes from the original versions in the Lucid Widget Library. NB this means that if you make non-trivial changes to a file with no FSF copyright, you should add one. Also, if changes are reverted to the extent that a file becomes basically the same as the original version, the FSF copyright should be removed.

In my (rgm) opinion, as of Feb 2007, all the non-trivial files differ significantly from the original versions, with the exception of `lwlib-Xm.h`. Most of the changes that were made to this file have subsequently been reverted. Therefore I removed the FSF copyright from this file (which is arguably too trivial to merit a notice anyway). I added FSF copyright to the following files which did not have them already: `Makefile.in`, `lwlib-Xaw.c`, `lwlib-int.h` (borderline), `lwlib-utils.c` (borderline), `lwlib.c`, `lwlib.h`.

Copyright years before the advent of public CVS in 2001 were those when I judged (from the CVS logs) that non-trivial amounts of change had taken place. I also adjusted the existing FSF years in `xlwmenu.c`, `xlwmenu.h`, and `xlwmenuP.h` on the same basis.

Note that until Feb 2007, the following files in `lwlib` were lacking notices: `lwlib-int.h`, `lwlib.h`, `lwlib-Xaw.h`, `lwlib-Xlw.h`, `lwlib-utils.h`

The following files did not list a Lucid copyright: `xlwmenu.h`, `xlwmenuP.h`.

To the best of our knowledge, all the code files in `lwlib` were originally part of the Lucid Widget Library, even if they did not say so explicitly. For example, they were all present in Lucid Emacs 19.1 in 1992. The exceptions are the two Xaw files, which did not appear till Lucid Emacs 19.9 in 1994. The file `lwlib-Xaw.h` is too trivial to merit a copyright notice, but would presumably have the same one as `lwlib-Xaw.c`. We have been unable to find a true standalone version of LWL, if there was such a thing, to check definitively.

To clarify the situation, in Feb 2007 we added Lucid copyrights and GPL notices to those files lacking either that were non-trivial, namely: `lwlib-int.h`, `lwlib.h`, `xlwmenu.h`, `xlwmenuP.h`. This represents our best understanding of the legal status of these files. We also clarified the notices in `Makefile.in`, which was originally the Makefile auto-generated from Lucid's `Imakefile`.

As of Feb 2007, the following files are considered too trivial for notices: `lwlib-Xaw.h`, `lwlib-Xlw.h`, `lwlib-utils.h`.

The version of `lwlib/` first installed in Emacs seems to be the same as that used in Lucid Emacs 19.8 (released 6-sep-93); except the two Xaw files, which did not appear till Athena support was added in Lucid Emacs 19.9. In Lucid Emacs 19.1, all files were under GPLv1 or later, but by Lucid Emacs 19.8, `lwlib.c` and `xlwmenu.c` had been switched to v2 or later. These are the versions that were first installed in Emacs. So in GNU Emacs, these two files have been under v2 or later since 1994.

It seems that it was the intention of Lucid to use v1 or later (excepting the two files mentioned previously); so this is the license we have used when adding notices to code that did not have notices originally. Although we have the legal right to switch to v2 or later, rms prefers that we do not do so.

doc/\*/doclicense.texi

- leave the copyright alone in this imported file.

doc/\*/\*.texi - All manuals should be under GFDL (but see below), and should include a copy of it, so that they can be distributed separately. faq.texi has a different license, for some reason no-one can remember.

<http://lists.gnu.org/archive/html/emacs-devel/2007-04/msg00583.html>

<http://lists.gnu.org/archive/html/emacs-devel/2007-04/msg00618.html>

doc/misc/mh-e.texi is dual-licensed (GPL and GFDL) per agreement with FSF (reconfirmed by rms Aug 25 2008). Discussion with [licensing@fsf.org](mailto:licensing@fsf.org) starting on Thu, 07 Aug 2003 with subject: "[gnu.org #58812] Changing license of MH-E manual"

msdos/is\_exec.c, sigaction.c - these files are copyright DJ Delorie.

Leave the copyrights alone. Leave the Eli Zaretskii copyright in is\_exec.c alone. See the msdos/README file for the legal history of these files.

msdos/sed\*.inp - These files are copyright FSF and distributed under an MIT-like license.

oldXMenu/

Keep the "copyright.h" method used by X11, rather than moving the licenses into the files. Note that the original X10.h did not use copyright.h, but had an explicit notice, which we retain.

If you make non-trivial changes to a file which does not have an FSF notice, add one and a GPL notice (as per Activate.c). If changes to a file are reverted such that it becomes essentially the same as the original X11 version, remove the FSF notice and GPL.

Only the files which differ significantly from the original X11 versions should have FSF copyright and GPL notices. At time of writing (Feb 2007), this is: Activate.c, Create.c, Internal.c. I (rgm) established this by diffing the current files against those in X11R1, and when I found significant differences looking in the ChangeLog for the years they originated (the CVS logs are truncated before 1999). I

therefore removed the FSF notices (added in 200x) from the other files. There are some borderline cases IMO: AddSel.c, InsSel.c, XMakeAssoc.c, XMenu.h. For these I erred on the side of NOT adding FSF notices.

With regards to whether the files we have changed should have GPL added or not, rms says (2007-02-25, "oldXmenu issues"):

It does not make much difference, because oldXmenu is obsolete except for use in Emacs (and it is not normally used in Emacs any more either).

So, to make things simple, please put our changes under the GPL.

insque.c had no copyright notice until 2005. The version of insque.c added to Emacs 1992-01-27 is essentially the same as insremque.c added to glibc three days later by Roland McGrath, with an FSF copyright and GPL, but no ChangeLog entry:

<<http://sources.redhat.com/cgi-bin/cvsweb.cgi/~checkout~/libc/misc/insremque.c?rev=1.1&cvsroot=glibc>>

To the best of his recollection, McGrath (who has a copyright assignment) was the author of this file (email from roland at frob.com to rms, 2007-02-23, "Where did insque.c come from?"). The FSF copyright and GPL in this file are therefore correct as far as we understand it.

Imakefile had no legal info in Feb 2007, but was obviously based on the X11 version (which also had no explicit legal info). As it was unused, I removed it. It would have the same MIT copyright as Makefile.in does now.

src/gmalloc.c

- contains numerous copyrights from the GNU C library. Leave them alone.

src/ndir.h

- see comments below. This file is OK to be released with Emacs 22, but we may want to revisit it afterwards.

\*\* Some notes on resolved issues, for historical information only

etc/TERMS

rms: "surely written either by me or by ESR. (If you can figure out which year, I can probably tell you which.) Either way, we have papers for it." It was present in Emacs-16.56 (15-jul-85). rms: "Then I conclude it was written by me."



lisp/term/README

- had no copyright notice till Feb 2007. ChangeLog.3 suggests it was written by Eric Raymond. When asked by rms on 14 Feb 2007 he said:

I don't remember writing it, but it reads like my prose and I believe I wrote the feature(s) it's describing. So I would have been the likeliest person to write it.

Odds are that I did, but I'm not certain.

Accordingly, FSF copyright was added.

src/unexhp9k800.c

<http://lists.gnu.org/archive/html/emacs-devel/2007-02/msg00138.html>

- briefly removed due to legal uncertainty Jan-Mar 2007. The relevant assignment is under "hp9k800" in copyright.list. File was written by John V. Morris at HP, and disclaimed by the author and HP. So this file is public domain.

lisp/progmodes/python.el

Dave Love alerted us to a potential legal problem:

<http://lists.gnu.org/archive/html/emacs-pretest-bug/2007-04/msg00459.html>

On consultation with a lawyer, we found there was no problem:

<http://lists.gnu.org/archive/html/emacs-devel/2007-05/msg00466.html>

\*\* Issues that are "fixed" for the release of Emacs 22, but we may wish to revisit later in more detail

admin/check-doc-strings

File says it's in the public domain, but that might not make it so.

etc/e/eterm-color.ti

src/ndir.h

On legal advice from Matt Norwood, the following comment was added to these files in Feb/Mar 2007:

The code here is forced by the interface, and is not subject to copyright, constituting the only possible expression of the algorithm in this format.

With the addition of this notice, these files are OK for the upcoming Emacs-22 release. Post-release, we can revisit this issue and possibly add a list of all authors who have changed these files. (details in email from Matt Norwood to rms, 2007/02/03).

src/s/aix3-2.h, hpux8.h, hpux9.h, irix5-0.h, netbsd.h, usg5-4-2.h  
[note some of these have since been merged into other files]  
- all these (not obviously trivial) files were missing copyrights  
till Feb 2007, when FSF copyright was added. Matt Norwood advised:

For now, I think the best policy is to assume that we do have  
assignments from the authors (I recall many of these header files  
as having been originally written by rms), and to attach an FSF  
copyright with GPL notice. We can amend this if and when we  
complete the code audit. Any additions to these files by  
non-assigned authors are arguably "de minimis" contributions to  
Emacs: small changes or suggestions to a work that are subsumed in  
the main authors' copyright in the entire work.

Here is my (rgm) take on the details of the above files:

? irix5-0.h

I would say started non-trivial (1993, jimb, heavily based  
on irix4-0.h). A few borderline non-tiny changes since.

usg5-4-2.h

started non-trivial, but was heavily based on usg5-4.h, which was and is  
copyright FSF. only tiny changes since installed.

aix3-2.h, hpux8.h, hpux9.h, netbsd.h

started trivial, grown in tiny changes.

netbsd.h:

Roland McGrath said to rms (2007/02/17): "I don't really remember  
anything about it. If I put it in without other comment, then probably  
I wrote it myself."

Someone might want to tweak the copyright years (for dates before  
2001) that I used in all these files.

Note: erring on the side of caution, I also added notices to some  
files I thought might be considered non-trivial (if one includes  
comment) in s/:

aix4-1.h hpux10.h irix6-5.h  
sol2.h

(everything with > 30 non-blank lines, which at least is some kind of  
system)

\*\*\* These are copyright issues that need not be fixed until after

Emacs 22 is released (though if they can be fixed before, that is obviously good):

Is it OK to just `bzip2` a file for legal reasons, or is something more drastic needed? A removed file is still available from the repository, if suitable options are applied. (This issue obviously does not affect a release).

rms: will ask lawyer

Make sure that all files with non-standard copyrights or licenses are noted in this file.

REMOVED etc/gnu.xpm, nt/icons/emacs21.ico, nt/icons/sink.ico  
- Restore if find legal info. emacs21.ico is not due to Davenport.  
Geoff Voelker checked but could not find a record of where it came from.

etc/images

Image files from GTK, Gnome are under GPLv2 (no "or later"?). RMS will contact image authors in regards to future switch to v3.

etc/TUTORIAL\* (translations)

switch to GPL (see english TUTORIAL)

rms: "We can leave the TUTORIAL translations alone until their maintainers update them."

Can adapt short license text from end of GPL translations at:

<http://www.gnu.org/licenses/translations.html>

Only a few sentences around the license notice need changing from previous version.

Done: TUTORIAL.eo

\*\*\* These are copyright issues still to be addressed:

None known.

\*\* NOTES ON RELICENSING TO GPL3

The EMACS\_22\_BASE branch was changed to GPLv3 (or later) 2007/07/25.

Some notes:

(see <http://lists.gnu.org/archive/html/emacs-devel/2007-07/msg01431.html>)

1. There are some files in the Emacs tree which are not part of Emacs (eg those included from Gnulib). These are all copyright FSF and (at time of writing) GPL >= 2. rms says may as well leave the licenses of these alone (may import them from Gnulib again). These are:

Gnulib:

build-aux/compile  
build-aux/config.guess  
build-aux/config.sub  
build-aux/depcomp  
build-aux/missing  
build-aux/move-if-change  
build-aux/snippet/\_Noreturn.h  
build-aux/snippet/arg-nonnull.h  
build-aux/snippet/c++defs.h  
build-aux/snippet/warn-on-use.h  
doc/man/texinfo.tex  
lib/\*.ch  
lib/gnulib.mk  
src/gmalloc.c  
src/termcap.c  
src/tparam.c

Note `_not_` included in the above are `src/regex.{c,h}` (rms: "That forked version is only in Emacs, so definitely relicense that."), and `oldXMenu/insque.c` (rms: "We wrote that specifically for Emacs, so definitely relicense that.").

2. The files that are copyright FSF and AIST, or AIST alone, should be and were updated, ditto the oldXMenu files with FSF copyright, and `msdos/is_exec.c` and `sigaction.c`.

3. `lplib/`

Files originally in Lucid Widget Library were left alone (excludes `ChangeLog`, etc), ie remain under GPL v1 or later, or v2 or later. (rms: "We may as well leave this alone, since we are never going to change it much.")

4. There are some files where the FSF holds no copyright. These were left alone:

`leim/MISC-DIC/CTLau-b5.html` >= v2  
`leim/MISC-DIC/CTLau.html` >= v2  
(above included in `lisp/international/titdic-cnv.el`)  
`leim/MISC-DIC/pinyin.map` >= v1  
`leim/MISC-DIC/ziranma.cin` >= v1

leim/SKK-DIC/SKK-JISYO.L >= v2

leim/SKK-DIC/README >= v2

leim/ja-dic/ja-dic.el >= v2

5. At time of writing, some non-Emacs icons included from Gnome remain under GPLv2 (no "or later"). See:

etc/images/gnus/README

etc/images/mail/README

etc/images/README

nt/icons/README

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You should have received a copy of the GNU General Public License along with GNU Emacs. If not, see <<http://www.gnu.org/licenses/>>.

::: copyright.el --- update the copyright notice in current buffer

:: Copyright (C) 1991-1995, 1998, 2001-2013 Free Software Foundation, Inc.

:: Author: Daniel Pfeiffer <[occitan@esperanto.org](mailto:occitan@esperanto.org)>

:: Keywords: maint, tools

:: This file is part of GNU Emacs.

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:: along with GNU Emacs. If not, see <<http://www.gnu.org/licenses/>>.

::: Commentary:

:: Allows updating the copyright year and above mentioned GPL version manually  
:: or when saving a file.  
:: Do (add-hook 'before-save-hook 'copyright-update), or use  
:: M-x customize-variable RET before-save-hook RET.

::: Code:

```
(defgroup copyright nil
 "Update the copyright notice in current buffer."
 :group 'tools)
```

```
(defcustom copyright-limit 2000
 "Don't try to update copyright beyond this position unless interactive.
 A value of nil means to search whole buffer."
 :group 'copyright
 :type '(choice (integer :tag "Limit")
 (const :tag "No limit")))
```

```
(defcustom copyright-at-end-flag nil
 "Non-nil means to search backwards from the end of the buffer for copyright.
 This is useful for ChangeLogs."
 :group 'copyright
 :type 'boolean
 :version "23.1")
::;###autoload(put 'copyright-at-end-flag 'safe-local-variable 'booleanp)
```

```
(defcustom copyright-regexp
 "\\(\\|@copyright{ }\\|[Cc]opyright\\|s *?:?\\|s *\\(?:C)\\|)?"
 "\\[Cc]opyright\\|s *?:?\\|s *\\|)\\|
 \\|s *\\(?:^[^0-9\\n]*\\|s *\\|)?"
 "\\([1-9]\\|\\([-0-9, '/*%#\\n\\t]\\|\\|s<\\|\\|s>\\|)\\)*[0-9]+\\|)"
 "What your copyright notice looks like.
 The second \\(\\) construct must match the years."
 :group 'copyright
 :type 'regexp)
```

```
(defcustom copyright-names-regexp ""
 "Regex matching the names which correspond to the user.
 Only copyright lines where the name matches this regexp will be updated.
 This allows you to avoid adding years to a copyright notice belonging to
 someone else or to a group for which you do not work."
 :group 'copyright
 :type 'regexp)
```



```

(and copyright-limit
 (if copyright-at-end-flag
 (- (point) copyright-limit)
 (+ (point) copyright-limit))))

(defun copyright-re-search (regexp &optional bound noerror count)
 "Re-search forward or backward depending on `copyright-at-end-flag'."
 (if copyright-at-end-flag
 (re-search-backward regexp bound noerror count)
 (re-search-forward regexp bound noerror count)))

(defun copyright-start-point ()
 "Return point-min or point-max, depending on `copyright-at-end-flag'."
 (if copyright-at-end-flag
 (point-max)
 (point-min)))

(defun copyright-offset-too-large-p ()
 "Return non-nil if point is too far from the edge of the buffer."
 (when copyright-limit
 (if copyright-at-end-flag
 (< (point) (- (point-max) copyright-limit))
 (> (point) (+ (point-min) copyright-limit)))))

(defun copyright-find-copyright ()
 "Return non-nil if a copyright header suitable for updating is found.
The header must match `copyright-regexp' and `copyright-names-regexp', if set.
This function sets the match-data that `copyright-update-year' uses."
 (widen)
 (goto-char (copyright-start-point))
 (condition-case err
 ;; (1) Need the extra \\(\\) around copyright-regexp because we
 ;; goto (match-end 1) below. See note (2) below.
 (copyright-re-search (concat "\\(" copyright-regexp
 "\\)\\([\\t]*\\n\\)?.*\\(?:"
 copyright-names-regexp "\\)"))
 (copyright-limit)
 t)
 ;; In case the regexp is rejected. This is useful because
 ;; copyright-update is typically called from before-save-hook where
 ;; such an error is very inconvenient for the user.
 (error (message "Can't update copyright: %s" err) nil)))

(defun copyright-find-end ()
 "Possibly adjust the search performed by `copyright-find-copyright'.
If the years continue onto multiple lines that are marked as comments,
skips to the end of all the years."
 (while (save-excursion

```



```

 (and (eq (following-char) ?,)
 (progn (forward-char 1) t)
 (progn (skip-chars-forward " \t") (eolp))
 comment-start-skip
 (save-match-data
 (forward-line 1)
 (and (looking-at comment-start-skip)
 (goto-char (match-end 0))))
 (looking-at-p copyright-years-regexp)))
 (forward-line 1)
 (re-search-forward comment-start-skip)
 ;; (2) Need the extra \\(\\) so that the years are subexp 3, as
 ;; they are at note (1) above.
 (re-search-forward (format "\\(%s\\)" copyright-years-regexp)))

(defun copyright-update-year (replace noquery)
 ;; This uses the match-data from copyright-find-copyright/end.
 (goto-char (match-end 1))
 (copyright-find-end)
 (setq copyright-current-year (format-time-string "%Y"))
 (unless (string= (buffer-substring (- (match-end 3) 2) (match-end 3))
 (substring copyright-current-year -2))
 (if (or noquery
 (save-window-excursion
 (switch-to-buffer (current-buffer))
 ;; Fixes some point-moving oddness (bug#2209).
 (save-excursion
 (y-or-n-p (if replace
 (concat "Replace copyright year(s) by "
 copyright-current-year "? ")
 (concat "Add " copyright-current-year
 " to copyright? "))))))
 (if replace
 (replace-match copyright-current-year t t nil 3)
 (let ((size (save-excursion (skip-chars-backward "0-9"))))
 (if (and (eq (% (- (string-to-number copyright-current-year)
 (string-to-number (buffer-substring
 (+ (point) size)
 (point))))
 100)
 1)
 (or (eq (char-after (+ (point) size -1)) ?-)
 (eq (char-after (+ (point) size -2)) ?-)))
 ;; This is a range so just replace the end part.
 (delete-char size)
 ;; Insert a comma with the preferred number of spaces.
 (insert
 (save-excursion

```

```

(if (re-search-backward "[0-9]\\(*, *\\)[0-9]"
 (line-beginning-position) t)
 (match-string 1)
 ", ")))
;; If people use the '91 '92 '93 scheme, do that as well.
(if (eq (char-after (+ (point) size -3)) '?')
 (insert '?'))
;; Finally insert the new year.
(insert (substring copyright-current-year size))))))

;;;###autoload
(defun copyright-update (&optional arg interactivep)
 "Update copyright notice to indicate the current year.
With prefix ARG, replace the years in the notice rather than adding
the current year after them. If necessary, and
`copyright-current-gpl-version' is set, any copying permissions
following the copyright are updated as well.
If non-nil, INTERACTIVEP tells the function to behave as when it's called
interactively."
 (interactive "*P\n")
 (when (or copyright-update interactivep)
 (let ((noquery (or (not copyright-query)
 (and (eq copyright-query 'function) interactivep))))
 (save-excursion
 (save-restriction
 ;; If names-regexp doesn't match, we should not mess with
 ;; the years _or_ the GPL version.
 ;; TODO there may be multiple copyrights we should update.
 (when (copyright-find-copyright)
 (copyright-update-year arg noquery)
 (goto-char (copyright-start-point))
 (and copyright-current-gpl-version
 ;; Match the GPL version comment in .el files.
 ;; This is sensitive to line-breaks. :(
 (copyright-re-search
 "the Free Software Foundation[,\n].*either version \
\\([0-9]+\\)\\(?: of the License\\)?, or[\n].*any later version"
 (copyright-limit) t)
 ;; Don't update if the file is already using a more recent
 ;; version than the "current" one.
 (< (string-to-number (match-string 1))
 (string-to-number copyright-current-gpl-version)))
 (or noquery
 (save-match-data
 (goto-char (match-end 1))
 (save-window-excursion
 (switch-to-buffer (current-buffer))
 (y-or-n-p))))))

```

```

(format "Replace GPL version %s with version %s? "
 (match-string-no-properties 1)
 copyright-current-gpl-version))))
(replace-match copyright-current-gpl-version t t nil 1))))
(set (make-local-variable 'copyright-update) nil))
;; If a write-file-hook returns non-nil, the file is presumed to be written.
nil))

```

```
;; FIXME heuristic should be within 50 years of present (cf calendar).
```

```
;;###autoload
```

```
(defun copyright-fix-years ()
```

```
"Convert 2 digit years to 4 digit years.
```

```
Uses heuristic: year >= 50 means 19xx, < 50 means 20xx.
```

```
If `copyright-year-ranges' (which see) is non-nil, also
```

```
independently replaces consecutive years with a range."
```

```
(interactive)
```

```
;; TODO there may be multiple copyrights we should fix.
```

```
(if (copyright-find-copyright)
```

```
 (let ((s (match-beginning 3))
```

```
 (p (make-marker))
```

```
 ;; Not line-beg-pos, so we don't mess up leading whitespace.
```

```
 (copystart (match-beginning 0))
```

```
 e last sep year prev-year first-year range-start range-end)
```

```
;; In case years are continued over multiple, commented lines.
```

```
(goto-char (match-end 1))
```

```
(copyright-find-end)
```

```
(setq e (copy-marker (1+ (match-end 3))))
```

```
(goto-char s)
```

```
(while (re-search-forward "[0-9]+" e t)
```

```
 (set-marker p (point))
```

```
 (goto-char (match-beginning 0))
```

```
 (setq year (string-to-number (match-string 0)))
```

```
 (and (setq sep (char-before))
```

```
 (/= (char-syntax sep) ?\s)
```

```
 (/= sep ?-)
```

```
 (insert " ")))
```

```
(when (< year 100)
```

```
 (insert (if (>= year 50) "19" "20"))
```

```
 (setq year (+ year (if (>= year 50) 1900 2000))))
```

```
(goto-char p)
```

```
(when copyright-year-ranges
```

```
 ;; If the previous thing was a range, don't try to tack more on.
```

```
 ;; Ie not 2000-2005 -> 2000-2005-2007
```

```
 ;; TODO should merge into existing range if possible.
```

```
 (if (eq sep ?-)
```

```
 (setq prev-year nil
```

```
 year nil)
```

```

 (if (and prev-year (= year (1+ prev-year)))
 (setq range-end (point))
 (when (and first-year prev-year
 (> prev-year first-year))
 (goto-char range-end)
 (delete-region range-start range-end)
 (insert (format "-%d" prev-year))
 (goto-char p))
 (setq first-year year
 range-start (point))))
 (setq prev-year year
 last p))
 (when last
 (when (and copyright-year-ranges
 first-year prev-year
 (> prev-year first-year))
 (goto-char range-end)
 (delete-region range-start range-end)
 (insert (format "-%d" prev-year)))
 (goto-char last)
 ;; Don't mess up whitespace after the years.
 (skip-chars-backward "\t")
 (save-restriction
 (narrow-to-region copystart (point))
 ;; This is clearly wrong, eg what about comment markers?
 ;; (let ((fill-prefix " "))
 ;; ;; TODO do not break copyright owner over lines.
 ;; (fill-region (point-min) (point-max))))
 (set-marker e nil)
 (set-marker p nil))
 ;; Simply reformatting the years is not copyrightable, so it does
 ;; not seem right to call this. Also it messes with ranges.
 ;; (copyright-update nil t)
 (message "No copyright message")))

;;###autoload
(define-skeleton copyright
 "Insert a copyright by $ORGANIZATION notice at cursor."
 "Company: "
 comment-start
 "Copyright (C) " `(format-time-string "%Y") " by "
 (or (getenv "ORGANIZATION")
 str)
 '(if (copyright-offset-too-large-p)
 (message "Copyright extends beyond `copyright-limit' and won't be updated automatically.)))
 comment-end \n)

;; TODO: recurse, exclude COPYING etc.

```

```

;;;###autoload
(defun copyright-update-directory (directory match &optional fix)
 "Update copyright notice for all files in DIRECTORY matching MATCH.
 If FIX is non-nil, run `copyright-fix-years' instead."
 (interactive "DDirectory: \nMFilenames matching (regexp): ")
 (dolist (file (directory-files directory t match nil))
 (unless (file-directory-p file)
 (message "Updating file `%s'" file)
 ;; FIXME we should not use find-file+save+kill.
 (let ((enable-local-variables :safe)
 (enable-local-eval nil))
 (find-file file)
 (let ((inhibit-read-only t))
 (if fix
 (copyright-fix-years)
 (copyright-update)))
 (save-buffer)
 (kill-buffer (current-buffer))))))

```

(provide 'copyright)

;; For the copyright sign:

;; Local Variables:

;; coding: utf-8

;; End:

;;; copyright.el ends here

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@end enumerate

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

@smallexample

@var{one line to give the program's name and a brief idea of what it does. }

Copyright (C) @var{year} @var{name of author}

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see @url{http://www.gnu.org/licenses/}.

@end smallexample

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
@smallexample
@var{program} Copyright (C) @var{year} @var{name of author}
This program comes with ABSOLUTELY NO WARRANTY; for details type @samp{show w}.
This is free software, and you are welcome to redistribute it
under certain conditions; type @samp{show c} for details.
@end smallexample
```

The hypothetical commands `@samp{show w}` and `@samp{show c}` should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an ```about box"`.

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## Why Software Should Be Free

by Richard Stallman

(Version of April 24, 1992)

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### Introduction

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The existence of software inevitably raises the question of how decisions about its use should be made. For example, suppose one individual who has a copy of a program meets another who would like a copy. It is possible for them to copy the program; who should decide whether this is done? The individuals involved? Or another party, called the "owner"?

Software developers typically consider these questions on the assumption that the criterion for the answer is to maximize developers' profits. The political power of business has led to the government adoption of both this criterion and the answer proposed by the developers: that the program has an owner, typically a corporation associated with its development.

I would like to consider the same question using a different criterion: the prosperity and freedom of the public in general.

This answer cannot be decided by current law--the law should conform to ethics, not the other way around. Nor does current practice decide this question, although it may suggest possible answers. The only way to judge is to see who is helped and who is hurt by recognizing owners of software, why, and how much. In other words, we should perform a cost-benefit analysis on behalf of society as a whole, taking account of individual freedom as well as production of material goods.

In this essay, I will describe the effects of having owners, and show that the results are detrimental. My conclusion is that programmers have the duty to encourage others to share, redistribute, study and improve the software we write: in other words, to write "free" software.(1)

#### How Owners Justify Their Power

\*\*\*\*\*

Those who benefit from the current system where programs are property offer two arguments in support of their claims to own programs: the emotional argument and the economic argument.

The emotional argument goes like this: "I put my sweat, my heart, my soul into this program. It comes from \*me\*, it's \*mine\*!"

This argument does not require serious refutation. The feeling of attachment is one that programmers can cultivate when it suits them; it is not inevitable. Consider, for example, how willingly the same programmers usually sign over all rights to a large corporation for a salary; the emotional attachment mysteriously vanishes. By contrast, consider the great artists and artisans of medieval times, who didn't even sign their names to their work. To them, the name of the artist was not important. What mattered was that the work was done--and the purpose it would serve. This view prevailed for hundreds of years.

The economic argument goes like this: "I want to get rich (usually described inaccurately as `making a living'), and if you don't allow me to get rich by programming, then I won't program. Everyone else is like

me, so nobody will ever program. And then you'll be stuck with no programs at all!" This threat is usually veiled as friendly advice from the wise.

I'll explain later why this threat is a bluff. First I want to address an implicit assumption that is more visible in another formulation of the argument.

This formulation starts by comparing the social utility of a proprietary program with that of no program, and then concludes that proprietary software development is, on the whole, beneficial, and should be encouraged. The fallacy here is in comparing only two outcomes--proprietary software vs. no software--and assuming there are no other possibilities.

Given a system of intellectual property, software development is usually linked with the existence of an owner who controls the software's use. As long as this linkage exists, we are often faced with the choice of proprietary software or none. However, this linkage is not inherent or inevitable; it is a consequence of the specific social/legal policy decision that we are questioning: the decision to have owners. To formulate the choice as between proprietary software vs. no software is begging the question.

#### The Argument against Having Owners

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The question at hand is, "Should development of software be linked with having owners to restrict the use of it?"

In order to decide this, we have to judge the effect on society of each of those two activities \*independently\*: the effect of developing the software (regardless of its terms of distribution), and the effect of restricting its use (assuming the software has been developed). If one of these activities is helpful and the other is harmful, we would be better off dropping the linkage and doing only the helpful one.

To put it another way, if restricting the distribution of a program already developed is harmful to society overall, then an ethical software developer will reject the option of doing so.

To determine the effect of restricting sharing, we need to compare the value to society of a restricted (i.e., proprietary) program with that of the same program, available to everyone. This means comparing two possible worlds.

This analysis also addresses the simple counterargument sometimes made that "the benefit to the neighbor of giving him or her a copy of a

program is cancelled by the harm done to the owner." This counterargument assumes that the harm and the benefit are equal in magnitude. The analysis involves comparing these magnitudes, and shows that the benefit is much greater.

To elucidate this argument, let's apply it in another area: road construction.

It would be possible to fund the construction of all roads with tolls. This would entail having toll booths at all street corners. Such a system would provide a great incentive to improve roads. It would also have the virtue of causing the users of any given road to pay for that road. However, a toll booth is an artificial obstruction to smooth driving--artificial, because it is not a consequence of how roads or cars work.

Comparing free roads and toll roads by their usefulness, we find that (all else being equal) roads without toll booths are cheaper to construct, cheaper to run, safer, and more efficient to use.(2) In a poor country, tolls may make the roads unavailable to many citizens. The roads without toll booths thus offer more benefit to society at less cost; they are preferable for society. Therefore, society should choose to fund roads in another way, not by means of toll booths. Use of roads, once built, should be free.

When the advocates of toll booths propose them as *\*merely\** a way of raising funds, they distort the choice that is available. Toll booths do raise funds, but they do something else as well: in effect, they degrade the road. The toll road is not as good as the free road; giving us more or technically superior roads may not be an improvement if this means substituting toll roads for free roads.

Of course, the construction of a free road does cost money, which the public must somehow pay. However, this does not imply the inevitability of toll booths. We who must in either case pay will get more value for our money by buying a free road.

I am not saying that a toll road is worse than no road at all. That would be true if the toll were so great that hardly anyone used the road--but this is an unlikely policy for a toll collector. However, as long as the toll booths cause significant waste and inconvenience, it is better to raise the funds in a less obstructive fashion.

To apply the same argument to software development, I will now show that having "toll booths" for useful software programs costs society dearly: it makes the programs more expensive to construct, more expensive to distribute, and less satisfying and efficient to use. It will follow that program construction should be encouraged in some other

way. Then I will go on to explain other methods of encouraging and (to the extent actually necessary) funding software development.

### The Harm Done by Obstructing Software

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Consider for a moment that a program has been developed, and any necessary payments for its development have been made; now society must choose either to make it proprietary or allow free sharing and use. Assume that the existence of the program and its availability is a desirable thing.(3)

Restrictions on the distribution and modification of the program cannot facilitate its use. They can only interfere. So the effect can only be negative. But how much? And what kind?

Three different levels of material harm come from such obstruction:

- \* Fewer people use the program.
- \* None of the users can adapt or fix the program.
- \* Other developers cannot learn from the program, or base new work on it.

Each level of material harm has a concomitant form of psychosocial harm. This refers to the effect that people's decisions have on their subsequent feelings, attitudes and predispositions. These changes in people's ways of thinking will then have a further effect on their relationships with their fellow citizens, and can have material consequences.

The three levels of material harm waste part of the value that the program could contribute, but they cannot reduce it to zero. If they waste nearly all the value of the program, then writing the program harms society by at most the effort that went into writing the program. Arguably a program that is profitable to sell must provide some net direct material benefit.

However, taking account of the concomitant psychosocial harm, there is no limit to the harm that proprietary software development can do.

### Obstructing Use of Programs

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The first level of harm impedes the simple use of a program. A copy of a program has nearly zero marginal cost (and you can pay this cost by doing the work yourself), so in a free market, it would have nearly zero



price. A license fee is a significant disincentive to use the program. If a widely-useful program is proprietary, far fewer people will use it.

It is easy to show that the total contribution of a program to society is reduced by assigning an owner to it. Each potential user of the program, faced with the need to pay to use it, may choose to pay, or may forego use of the program. When a user chooses to pay, this is a zero-sum transfer of wealth between two parties. But each time someone chooses to forego use of the program, this harms that person without benefiting anyone. The sum of negative numbers and zeros must be negative.

But this does not reduce the amount of work it takes to \*develop\* the program. As a result, the efficiency of the whole process, in delivered user satisfaction per hour of work, is reduced.

This reflects a crucial difference between copies of programs and cars, chairs, or sandwiches. There is no copying machine for material objects outside of science fiction. But programs are easy to copy; anyone can produce as many copies as are wanted, with very little effort. This isn't true for material objects because matter is conserved: each new copy has to be built from raw materials in the same way that the first copy was built.

With material objects, a disincentive to use them makes sense, because fewer objects bought means less raw materials and work needed to make them. It's true that there is usually also a startup cost, a development cost, which is spread over the production run. But as long as the marginal cost of production is significant, adding a share of the development cost does not make a qualitative difference. And it does not require restrictions on the freedom of ordinary users.

However, imposing a price on something that would otherwise be free is a qualitative change. A centrally-imposed fee for software distribution becomes a powerful disincentive.

What's more, central production as now practiced is inefficient even as a means of delivering copies of software. This system involves enclosing physical disks or tapes in superfluous packaging, shipping large numbers of them around the world, and storing them for sale. This cost is presented as an expense of doing business; in truth, it is part of the waste caused by having owners.

#### Damaging Social Cohesion

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Suppose that both you and your neighbor would find it useful to run a certain program. In ethical concern for your neighbor, you should feel

that proper handling of the situation will enable both of you to use it. A proposal to permit only one of you to use the program, while restraining the other, is divisive; neither you nor your neighbor should find it acceptable.

Signing a typical software license agreement means betraying your neighbor: "I promise to deprive my neighbor of this program so that I can have a copy for myself." People who make such choices feel internal psychological pressure to justify them, by downgrading the importance of helping one's neighbors--thus public spirit suffers. This is psychosocial harm associated with the material harm of discouraging use of the program.

Many users unconsciously recognize the wrong of refusing to share, so they decide to ignore the licenses and laws, and share programs anyway. But they often feel guilty about doing so. They know that they must break the laws in order to be good neighbors, but they still consider the laws authoritative, and they conclude that being a good neighbor (which they are) is naughty or shameful. That is also a kind of psychosocial harm, but one can escape it by deciding that these licenses and laws have no moral force.

Programmers also suffer psychosocial harm knowing that many users will not be allowed to use their work. This leads to an attitude of cynicism or denial. A programmer may describe enthusiastically the work that he finds technically exciting; then when asked, "Will I be permitted to use it?", his face falls, and he admits the answer is no. To avoid feeling discouraged, he either ignores this fact most of the time or adopts a cynical stance designed to minimize the importance of it.

Since the age of Reagan, the greatest scarcity in the United States is not technical innovation, but rather the willingness to work together for the public good. It makes no sense to encourage the former at the expense of the latter.

#### Obstructing Custom Adaptation of Programs

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The second level of material harm is the inability to adapt programs. The ease of modification of software is one of its great advantages over older technology. But most commercially available software isn't available for modification, even after you buy it. It's available for you to take it or leave it, as a black box--that is all.

A program that you can run consists of a series of numbers whose meaning is obscure. No one, not even a good programmer, can easily change the numbers to make the program do something different.

Programmers normally work with the "source code" for a program, which is written in a programming language such as Fortran or C. It uses names to designate the data being used and the parts of the program, and it represents operations with symbols such as '+' for addition and '-' for subtraction. It is designed to help programmers read and change programs. Here is an example; a program to calculate the distance between two points in a plane:

```
float
distance (p0, p1)
 struct point p0, p1;
{
 float xdist = p1.x - p0.x;
 float ydist = p1.y - p0.y;
 return sqrt (xdist * xdist + ydist * ydist);
}
```

Here is the same program in executable form, on the computer I normally use:

```
1314258944 -232267772 -231844864 1634862
1411907592 -231844736 2159150 1420296208
-234880989 -234879837 -234879966 -232295424
1644167167 -3214848 1090581031 1962942495
572518958 -803143692 1314803317
```

Source code is useful (at least potentially) to every user of a program. But most users are not allowed to have copies of the source code. Usually the source code for a proprietary program is kept secret by the owner, lest anybody else learn something from it. Users receive only the files of incomprehensible numbers that the computer will execute. This means that only the program's owner can change the program.

A friend once told me of working as a programmer in a bank for about six months, writing a program similar to something that was commercially available. She believed that if she could have gotten source code for that commercially available program, it could easily have been adapted to their needs. The bank was willing to pay for this, but was not permitted to--the source code was a secret. So she had to do six months of make-work, work that counts in the GNP but was actually waste.

The MIT Artificial Intelligence lab (AI lab) received a graphics printer as a gift from Xerox around 1977. It was run by free software to which we added many convenient features. For example, the software would notify a user immediately on completion of a print job. Whenever the printer had trouble, such as a paper jam or running out of paper,

the software would immediately notify all users who had print jobs queued. These features facilitated smooth operation.

Later Xerox gave the AI lab a newer, faster printer, one of the first laser printers. It was driven by proprietary software that ran in a separate dedicated computer, so we couldn't add any of our favorite features. We could arrange to send a notification when a print job was sent to the dedicated computer, but not when the job was actually printed (and the delay was usually considerable). There was no way to find out when the job was actually printed; you could only guess. And no one was informed when there was a paper jam, so the printer often went for an hour without being fixed.

The system programmers at the AI lab were capable of fixing such problems, probably as capable as the original authors of the program. Xerox was uninterested in fixing them, and chose to prevent us, so we were forced to accept the problems. They were never fixed.

Most good programmers have experienced this frustration. The bank could afford to solve the problem by writing a new program from scratch, but a typical user, no matter how skilled, can only give up.

Giving up causes psychosocial harm--to the spirit of self-reliance. It is demoralizing to live in a house that you cannot rearrange to suit your needs. It leads to resignation and discouragement, which can spread to affect other aspects of one's life. People who feel this way are unhappy and do not do good work.

Imagine what it would be like if recipes were hoarded in the same fashion as software. You might say, "How do I change this recipe to take out the salt?", and the great chef would respond, "How dare you insult my recipe, the child of my brain and my palate, by trying to tamper with it? You don't have the judgment to change my recipe and make it work right!"

"But my doctor says I'm not supposed to eat salt! What can I do? Will you take out the salt for me?"

"I would be glad to do that; my fee is only \$50,000." Since the owner has a monopoly on changes, the fee tends to be large. "However, right now I don't have time. I am busy with a commission to design a new recipe for ship's biscuit for the Navy Department. I might get around to you in about two years."

#### Obstructing Software Development

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The third level of material harm affects software development.

Software development used to be an evolutionary process, where a person would take an existing program and rewrite parts of it for one new feature, and then another person would rewrite parts to add another feature; in some cases, this continued over a period of twenty years. Meanwhile, parts of the program would be "cannibalized" to form the beginnings of other programs.

The existence of owners prevents this kind of evolution, making it necessary to start from scratch when developing a program. It also prevents new practitioners from studying existing programs to learn useful techniques or even how large programs can be structured.

Owners also obstruct education. I have met bright students in computer science who have never seen the source code of a large program. They may be good at writing small programs, but they can't begin to learn the different skills of writing large ones if they can't see how others have done it.

In any intellectual field, one can reach greater heights by standing on the shoulders of others. But that is no longer generally allowed in the software field--you can only stand on the shoulders of the other people \*in your own company\*.

The associated psychosocial harm affects the spirit of scientific cooperation, which used to be so strong that scientists would cooperate even when their countries were at war. In this spirit, Japanese oceanographers abandoning their lab on an island in the Pacific carefully preserved their work for the invading U.S. Marines, and left a note asking them to take good care of it.

Conflict for profit has destroyed what international conflict spared. Nowadays scientists in many fields don't publish enough in their papers to enable others to replicate the experiment. They publish only enough to let readers marvel at how much they were able to do. This is certainly true in computer science, where the source code for the programs reported on is usually secret.

#### It Does Not Matter How Sharing Is Restricted

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I have been discussing the effects of preventing people from copying, changing and building on a program. I have not specified how this obstruction is carried out, because that doesn't affect the conclusion. Whether it is done by copy protection, or copyright, or licenses, or encryption, or ROM cards, or hardware serial numbers, if it \*succeeds\* in preventing use, it does harm.

Users do consider some of these methods more obnoxious than others.

I suggest that the methods most hated are those that accomplish their objective.

#### Software Should be Free

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I have shown how ownership of a program--the power to restrict changing or copying it--is obstructive. Its negative effects are widespread and important. It follows that society shouldn't have owners for programs.

Another way to understand this is that what society needs is free software, and proprietary software is a poor substitute. Encouraging the substitute is not a rational way to get what we need.

Vaclav Havel has advised us to "Work for something because it is good, not just because it stands a chance to succeed." A business making proprietary software stands a chance of success in its own narrow terms, but it is not what is good for society.

#### Why People Will Develop Software

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If we eliminate intellectual property as a means of encouraging people to develop software, at first less software will be developed, but that software will be more useful. It is not clear whether the overall delivered user satisfaction will be less; but if it is, or if we wish to increase it anyway, there are other ways to encourage development, just as there are ways besides toll booths to raise money for streets. Before I talk about how that can be done, first I want to question how much artificial encouragement is truly necessary.

#### Programming is Fun

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There are some lines of work that few will enter except for money; road construction, for example. There are other fields of study and art in which there is little chance to become rich, which people enter for their fascination or their perceived value to society. Examples include mathematical logic, classical music, and archaeology; and political organizing among working people. People compete, more sadly than bitterly, for the few funded positions available, none of which is funded very well. They may even pay for the chance to work in the field, if they can afford to.

Such a field can transform itself overnight if it begins to offer the possibility of getting rich. When one worker gets rich, others demand the same opportunity. Soon all may demand large sums of money for doing

what they used to do for pleasure. When another couple of years go by, everyone connected with the field will deride the idea that work would be done in the field without large financial returns. They will advise social planners to ensure that these returns are possible, prescribing special privileges, powers and monopolies as necessary to do so.

This change happened in the field of computer programming in the past decade. Fifteen years ago, there were articles on "computer addiction": users were "onlining" and had hundred-dollar-a-week habits. It was generally understood that people frequently loved programming enough to break up their marriages. Today, it is generally understood that no one would program except for a high rate of pay. People have forgotten what they knew fifteen years ago.

When it is true at a given time that most people will work in a certain field only for high pay, it need not remain true. The dynamic of change can run in reverse, if society provides an impetus. If we take away the possibility of great wealth, then after a while, when the people have readjusted their attitudes, they will once again be eager to work in the field for the joy of accomplishment.

The question, "How can we pay programmers?", becomes an easier question when we realize that it's not a matter of paying them a fortune. A mere living is easier to raise.

#### Funding Free Software

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Institutions that pay programmers do not have to be software houses. Many other institutions already exist which can do this.

Hardware manufacturers find it essential to support software development even if they cannot control the use of the software. In 1970, much of their software was free because they did not consider restricting it. Today, their increasing willingness to join consortiums shows their realization that owning the software is not what is really important for them.

Universities conduct many programming projects. Today, they often sell the results, but in the 1970s, they did not. Is there any doubt that universities would develop free software if they were not allowed to sell software? These projects could be supported by the same government contracts and grants which now support proprietary software development.

It is common today for university researchers to get grants to develop a system, develop it nearly to the point of completion and call that "finished", and then start companies where they really finish the

project and make it usable. Sometimes they declare the unfinished version "free"; if they are thoroughly corrupt, they instead get an exclusive license from the university. This is not a secret; it is openly admitted by everyone concerned. Yet if the researchers were not exposed to the temptation to do these things, they would still do their research.

Programmers writing free software can make their living by selling services related to the software. I have been hired to port the GNU C compiler to new hardware, and to make user-interface extensions to GNU Emacs. (I offer these improvements to the public once they are done.) I also teach classes for which I am paid.

I am not alone in working this way; there is now a successful, growing corporation which does no other kind of work. Several other companies also provide commercial support for the free software of the GNU system. This is the beginning of the independent software support industry-an industry that could become quite large if free software becomes prevalent. It provides users with an option generally unavailable for proprietary software, except to the very wealthy.

New institutions such as the Free Software Foundation can also fund programmers. Most of the foundation's funds come from users buying tapes through the mail. The software on the tapes is free, which means that every user has the freedom to copy it and change it, but many nonetheless pay to get copies. (Recall that "free software" refers to freedom, not to price.) Some users order tapes who already have a copy, as a way of making a contribution they feel we deserve. The Foundation also receives sizable donations from computer manufacturers.

The Free Software Foundation is a charity, and its income is spent on hiring as many programmers as possible. If it had been set up as a business, distributing the same free software to the public for the same fee, it would now provide a very good living for its founder.

Because the Foundation is a charity, programmers often work for the Foundation for half of what they could make elsewhere. They do this because we are free of bureaucracy, and because they feel satisfaction in knowing that their work will not be obstructed from use. Most of all, they do it because programming is fun. In addition, volunteers have written many useful programs for us. (Recently even technical writers have begun to volunteer.)

This confirms that programming is among the most fascinating of all fields, along with music and art. We don't have to fear that no one will want to program.

What Do Users Owe to Developers?



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There is a good reason for users of software to feel a moral obligation to contribute to its support. Developers of free software are contributing to the users' activities, and it is both fair and in the long term interest of the users to give them funds to continue.

However, this does not apply to proprietary software developers, since obstructionism deserves a punishment rather than a reward.

We thus have a paradox: the developer of useful software is entitled to the support of the users, but any attempt to turn this moral obligation into a requirement destroys the basis for the obligation. A developer can either deserve a reward or demand it, but not both.

I believe that an ethical developer faced with this paradox must act so as to deserve the reward, but should also entreat the users for voluntary donations. Eventually the users will learn to support developers without coercion, just as they have learned to support public radio and television stations.

#### What Is Software Productivity?

\*\*\*\*\*

If software were free, there would still be programmers, but perhaps fewer of them. Would this be bad for society?

Not necessarily. Today the advanced nations have fewer farmers than in 1900, but we do not think this is bad for society, because the few deliver more food to the consumers than the many used to do. We call this improved productivity. Free software would require far fewer programmers to satisfy the demand, because of increased software productivity at all levels:

- \* Wider use of each program that is developed.
- \* The ability to adapt existing programs for customization instead of starting from scratch.
- \* Better education of programmers.
- \* The elimination of duplicate development effort.

Those who object to cooperation because it would result in the employment of fewer programmers, are actually objecting to increased productivity. Yet these people usually accept the widely-held belief that the software industry needs increased productivity. How is this?

"Software productivity" can mean two different things: the overall productivity of all software development, or the productivity of individual projects. Overall productivity is what society would like to improve, and the most straightforward way to do this is to eliminate the artificial obstacles to cooperation which reduce it. But researchers who study the field of "software productivity" focus only on the second, limited, sense of the term, where improvement requires difficult technological advances.

#### Is Competition Inevitable?

\*\*\*\*\*

Is it inevitable that people will try to compete, to surpass their rivals in society? Perhaps it is. But competition itself is not harmful; the harmful thing is \*combat\*.

There are many ways to compete. Competition can consist of trying to achieve ever more, to outdo what others have done. For example, in the old days, there was competition among programming wizards--competition for who could make the computer do the most amazing thing, or for who could make the shortest or fastest program for a given task. This kind of competition can benefit everyone, \*as long as\* the spirit of good sportsmanship is maintained.

Constructive competition is enough competition to motivate people to great efforts. A number of people are competing to be the first to have visited all the countries on Earth; some even spend fortunes trying to do this. But they do not bribe ship captains to strand their rivals on desert islands. They are content to let the best person win.

Competition becomes combat when the competitors begin trying to impede each other instead of advancing themselves--when "Let the best person win" gives way to "Let me win, best or not." Proprietary software is harmful, not because it is a form of competition, but because it is a form of combat among the citizens of our society.

Competition in business is not necessarily combat. For example, when two grocery stores compete, their entire effort is to improve their own operations, not to sabotage the rival. But this does not demonstrate a special commitment to business ethics; rather, there is little scope for combat in this line of business short of physical violence. Not all areas of business share this characteristic. Withholding information that could help everyone advance is a form of combat.

Business ideology does not prepare people to resist the temptation to combat the competition. Some forms of combat have been made banned with anti-trust laws, truth in advertising laws, and so on, but rather than generalizing this to a principled rejection of combat in general,

executives invent other forms of combat which are not specifically prohibited. Society's resources are squandered on the economic equivalent of factional civil war.

### "Why Don't You Move to Russia?"

\*\*\*\*\*

In the United States, any advocate of other than the most extreme form of laissez-faire selfishness has often heard this accusation. For example, it is leveled against the supporters of a national health care system, such as is found in all the other industrialized nations of the free world. It is leveled against the advocates of public support for the arts, also universal in advanced nations. The idea that citizens have any obligation to the public good is identified in America with Communism. But how similar are these ideas?

Communism as was practiced in the Soviet Union was a system of central control where all activity was regimented, supposedly for the common good, but actually for the sake of the members of the Communist party. And where copying equipment was closely guarded to prevent illegal copying.

The American system of intellectual property exercises central control over distribution of a program, and guards copying equipment with automatic copying protection schemes to prevent illegal copying.

By contrast, I am working to build a system where people are free to decide their own actions; in particular, free to help their neighbors, and free to alter and improve the tools which they use in their daily lives. A system based on voluntary cooperation, and decentralization.

Thus, if we are to judge views by their resemblance to Russian Communism, it is the software owners who are the Communists.

### The Question of Premises

\*\*\*\*\*

I make the assumption in this paper that a user of software is no less important than an author, or even an author's employer. In other words, their interests and needs have equal weight, when we decide which course of action is best.

This premise is not universally accepted. Many maintain that an author's employer is fundamentally more important than anyone else. They say, for example, that the purpose of having owners of software is to give the author's employer the advantage he deserves--regardless of how this may affect the public.

It is no use trying to prove or disprove these premises. Proof requires shared premises. So most of what I have to say is addressed only to those who share the premises I use, or at least are interested in what their consequences are. For those who believe that the owners are more important than everyone else, this paper is simply irrelevant.

But why would a large number of Americans accept a premise which elevates certain people in importance above everyone else? Partly because of the belief that this premise is part of the legal traditions of American society. Some people feel that doubting the premise means challenging the basis of society.

It is important for these people to know that this premise is not part of our legal tradition. It never has been.

Thus, the Constitution says that the purpose of copyright is to "promote the progress of science and the useful arts." The Supreme Court has elaborated on this, stating in `Fox Film vs. Doyal' that "The sole interest of the United States and the primary object in conferring the [copyright] monopoly lie in the general benefits derived by the public from the labors of authors."

We are not required to agree with the Constitution or the Supreme Court. (At one time, they both condoned slavery.) So their positions do not disprove the owner supremacy premise. But I hope that the awareness that this is a radical right-wing assumption rather than a traditionally recognized one will weaken its appeal.

#### Conclusion

\*\*\*\*\*

We like to think that our society encourages helping your neighbor; but each time we reward someone for obstructionism, or admire them for the wealth they have gained in this way, we are sending the opposite message.

Software hoarding is one form of our general willingness to disregard the welfare of society for personal gain. We can trace this disregard from Ronald Reagan to Jim Bakker, from Ivan Boesky to Exxon, from failing banks to failing schools. We can measure it with the size of the homeless population and the prison population. The antisocial spirit feeds on itself, because the more we see that other people will not help us, the more it seems futile to help them. Thus society decays into a jungle.

If we don't want to live in a jungle, we must change our attitudes. We must start sending the message that a good citizen is one who cooperates when appropriate, not one who is successful at taking from

others. I hope that the free software movement will contribute to this: at least in one area, we will replace the jungle with a more efficient system which encourages and runs on voluntary cooperation.

----- Footnotes -----

(1) The word "free" in "free software" refers to freedom, not to price; the price paid for a copy of a free program may be zero, or small, or (rarely) quite large.

(2) The issues of pollution and traffic congestion do not alter this conclusion. If we wish to make driving more expensive to discourage driving in general, it is disadvantageous to do this using toll booths, which contribute to both pollution and congestion. A tax on gasoline is much better. Likewise, a desire to enhance safety by limiting maximum speed is not relevant; a free access road enhances the average speed by avoiding stops and delays, for any given speed limit.

(3) One might regard a particular computer program as a harmful thing that should not be available at all, like the Lotus Marketplace database of personal information, which was withdrawn from sale due to public disapproval. Most of what I say does not apply to this case, but it makes little sense to argue for having an owner on the grounds that the owner will make the program less available. The owner will not make it \*completely\* unavailable, as one would wish in the case of a program whose use is considered destructive.

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| Site Map |
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Unicode
Policies</td>
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```
 <h1>Unicode Terms of Use</h1>
```

```
 <p>For the general privacy policy governing access to this site, see
```





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<a href="http://www.unicode.org/Public/">http://www.unicode.org/Public/</a>,  
<a href="http://www.unicode.org/reports/">http://www.unicode.org/reports/</a>,  
and  
<a title="http://www.unicode.org/cldr/data/" onClick="return top.js.OpenExtLink(window,event,this)"  
target="\_blank" href="http://www.unicode.org/cldr/data/">  
http://www.unicode.org/cldr/data/</a>. Unicode Data Files do not include PDF online code charts under the  
directory <a href="http://www.unicode.org/Public/">http://www.unicode.org/Public/</a>. Software includes any  
source code  
published in the Unicode Standard or under the directories <a  
href="http://www.unicode.org/Public/">http://www.unicode.org/Public/</a>,  
<a href="http://www.unicode.org/reports/">http://www.unicode.org/reports/</a>,  
and  
<a title="http://www.unicode.org/cldr/data/" onClick="return top.js.OpenExtLink(window,event,this)"  
target="\_blank" href="http://www.unicode.org/cldr/data/">  
http://www.unicode.org/cldr/data/</a>.</p>

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;ELC

;;; Compiled by gm@skiddaw on Fri Mar 8 00:17:33 2013

;;; from file /misc/emacs/bzr/emacs24-merge/lisp/emacs-lisp/copyright.el

;;; in Emacs version 24.3.1

;;; with all optimizations.

;;; This file contains utf-8 non-ASCII characters,

;;; and so cannot be loaded into Emacs 22 or earlier.

(and (boundp 'emacs-version)

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(< (aref emacs-version (1- (length emacs-version))) ?A)
```

```
(string-lessp emacs-version "23")
```

```
(error "%s" was compiled for Emacs 23 or later" #S))
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.....
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(byte-code
```

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"\300\301\302\303\304\305%\210\306\307\310\311\304\301\312\313&\210\306\314\302\315\304\301\312\316\317\320&
```

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\210\306\321\322\323\304\301\312\324&\210\306\325\326\327\304\301\312\324&\210\306\330\331\332\304\301\312\324&\210\306\333\302\334\304\301\312\316\317\335& \210\306\336\337\340\304\301\312\341&\207" [custom-
```

```
declare-group copyright nil "Update the copyright notice in current buffer." :group tools custom-declare-variable copyright-limit 2000 "Don't try to update copyright beyond this position unless interactive.\nA value of nil means to search whole buffer." :type (choice (integer :tag "Limit") (const :tag "No limit")) copyright-at-end-flag "Non-nil
```

```
means to search backwards from the end of the buffer for copyright.\nThis is useful for ChangeLogs." boolean :version "23.1" copyright-regexp "\\(\\|@copyright{ }\\|[[Cc]opyright\\s *:\\|s *\\|(?:(C)\\|)?\\|[[Cc]opyright\\s *:\\|s *\\|\\|s *\\|(?:[^0-9]\\n)*\\|s *\\|\\|\\|([1-9]\\|([-0-9, ;/*%#\\n]\\|\\|s<\\|\\|s>\\|)*[0-9]+\\|)" "What your copyright notice looks like.\n
```

```
The second \\(\\) construct must match the years." regexp copyright-names-regexp "" "Regex matching the names which correspond to the user.\nOnly copyright lines where the name matches this regexp will be updated.\n
```

```
This allows you to avoid adding years to a copyright notice belonging to\nsomeone else or to a group for which you do not work." copyright-years-regexp "\\(\\|s *\\|\\|\\|([1-9]\\|([-0-9, ;/*%#\\n]\\|\\|s<\\|\\|s>\\|)*[0-9]+\\|)" "Match additional copyright notice years.\n
```

```
The second \\(\\) construct must match the years." copyright-year-ranges "Non-nil if individual consecutive years should be replaced with a range.\nFor example: 2005, 2006, 2007, 2008 might be replaced with 2005-2008.\n
```

```
If you use ranges, you should add an explanatory note in a README file.\n
```

```
The function `copyright-fix-years' respects this variable." "24.1" copyright-query 'function "If non-nil, ask user before changing copyright.\n
```

```
When this is `function', only ask when called non-interactively." (choice (const :tag "Do not ask") (const :tag "Ask unless interactive" function) (other :tag "Ask" t))] 10) #@60 String representing the current version of the GPL or nil. (defconst copyright-current-gpl-version "3" (#$. 2656))
```

```
@75 The function `copyright-update' sets this to nil after updating a buffer. (defvar copyright-update t (#$. 2778)) #@39 String representing the current year. (defvar copyright-current-year (format-time-string "%Y") (#$. 2898)) (defalias 'copyright-limit #[nil "\205 \203\207\207" [copyright-limit copyright-at-end-flag] 2]) (put 'copyright-limit 'byte-optimizer 'byte-compile-inline-expand)
```

```
@69 Re-search forward or backward depending on `copyright-at-end-flag'. (defalias 'copyright-re-search #[(regexp &optional bound noerror count) "\203\305 \n\207\306 \n\207" [copyright-at-end-flag regexp bound noerror count re-search-backward re-search-forward] 5 (#$. 3189)) #@70 Return point-min or point-max, depending on `copyright-at-end-flag'. (defalias 'copyright-start-point #[nil "\203d\207e\207" [copyright-at-end-flag] 1 (#$. 3479))
```

```
@65 Return non-nil if point is too far from the edge of the buffer. (defalias 'copyright-offset-too-large-p #[nil "\205 \203`dZW\207`e\\V\207" [copyright-limit copyright-at-end-flag] 3 (#$. 3653))
```

```
@218 Return non-nil if a copyright header suitable for updating is found. The header must match `copyright-regexp' and `copyright-names-regexp', if set. This function sets the match-data that `copyright-update-year' uses. (defalias 'copyright-find-copyright #[nil "~\210\300 b\210\301\302\303\217\207" [copyright-start-point err (byte-
```

```

code "\304\305\306 \307\260\n\205\203`nZ\202`n\\\310#\207" [copyright-regexp copyright-names-regexp
copyright-limit copyright-at-end-flag copyright-re-search "\(\\" "\)\(\[]*\n\)\?.*\(\(?" "\)" t] 6 ((error (message
"Can't update copyright: %s" err) nil)) 3 (#$. 3862))
#@175 Possibly adjust the search performed by `copyright-find-copyright'.
If the years continue onto multiple lines that are marked as comments,
skips to the end of all the years.
(defalias 'copyright-find-end #[nil "\212g\305=\2053\306u\210\307\310w\210\2053\2053\311
\312\216\306y\210\313!\205\314\225b*\2053\n\315\313*)\205H\306y\210\316!\210\316\317\320\n"! \210\202\20
7" [comment-start-skip save-match-data-internal copyright-years-regexp regexp inhibit-changing-match-data 44 1 "
" nil match-data ((byte-code "\301\302"\207" [save-match-data-internal set-match-data evaporate] 3)) looking-at 0 t
re-search-forward format "\(%s\)" 4 (#$. 4487))
(defalias 'copyright-update-year #[(replace noquery) "\305\225b\210\306
\210\307\310!\311\225\312Z\311\225{\313\314O\230?\205\247 \204>\315
\316\216\317p!\210\212\320\2035\321\322Q\2029\323\324Q!+\205\247\203J\325\326\211\314\311%\207\212\327\
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336\337\340 \326#\203\217\341\305!\202\220\342)c\210\332`f\343#f\344=\203\241\344c\210\314Oc)\207"
[copyright-current-year noquery #1=#:wconfig replace size 1 copyright-find-end format-time-string "%Y" 3 2 -2 nil
current-window-configuration ((set-window-configuration #1#)) switch-to-buffer y-or-n-p "Replace copyright
year(s) by " "?" " "Add " " to copyright?" replace-match t "0-9" string-to-number 100 + -1 45 delete-char re-search-
backward "[0-9]\(\(*, *\)\[0-9]" line-beginning-position match-string ", " -3 39] 6)
#@369 Update copyright notice to indicate the current year.
With prefix ARG, replace the years in the notice rather than adding
the current year after them. If necessary, and
`copyright-current-gpl-version' is set, any copying permissions
following the copyright are updated as well.
If non-nil, INTERACTIVEP tells the function to behave as when it's called
interactively.
(defalias 'copyright-update #[(&optional arg interactivep) "\204 \205\207\n?\206\n\306=\205 \212\214\307
\203~\310f"\210\311 b\210
\203~\312\313\205@`Z\202@`\\\314#\203~\315\316\317!!\315
!W\203~\204v\320 \321\216\317\225b\210\322 \323\216\324p!\210\325\326\327\330\317!
#!,\203~\331
\314\211\332\317%\210)\333\300!\210\332*\332\207" [copyright-update interactivep copyright-query noquery arg
copyright-current-gpl-version function copyright-find-copyright copyright-update-year copyright-start-point
copyright-re-search "the Free Software Foundation[;,n].*either version \(\([0-9]+\)\)\(\(?: of the License\)\)?, or[
\n].*any later version" t string-to-number match-string 1 match-data ((byte-code "\301\302"\207" [save-match-data-
internal set-match-data evaporate] 3)) current-window-configuration ((set-window-configuration #1=#:wconfig))
switch-to-buffer y-or-n-p format "Replace GPL version %s with version %s?" match-string-no-properties replace-
match nil make-local-variable copyright-limit copyright-at-end-flag save-match-data-internal #1#] 6 (#$. 6067)
"*P\nnd"])
#@208 Convert 2 digit years to 4 digit years.
Uses heuristic: year >= 50 means 19xx, < 50 means 20xx.
If `copyright-year-ranges' (which see) is non-nil, also
independently replaces consecutive years with a range.
(defalias 'copyright-fix-years #[nil "\306 \203 \307\224\310
\311\224\312\211\211\211\211\211\211\211`#%&\313\225b\210\314
\210\315\307\225T!#&b\210\316\317#\320#\203\331%\312\223\210\311\224b\210\321\322\311!!`Sf\211\203f
z\323U\204f

```

```

\324U\204f\325c\210f\326W\203\207f\327Y\203v\330\202w\331c\210f\211\327Y\203\204\332\202\205\333\|b
\210\203\320
\324=\203\235\312\211\202\320\203\255\ftU\203\255`\202\320\n\203\314\203\314\nV\203\314b\210
|\210\334\335\"c\210%b\210f\%\"2025\"203\203\376\n\203\376\203\376\nV\203\376b\210
|\210\334\335\"c\210\"b\210\336\312x\210\214$` }\210\337ed\"210)#\312\211\223\210%\312\211\223.\207\340\34
1!\207" [range-end range-start first-year prev-year year sep copyright-find-copyright 3 make-marker 0 nil 1
copyright-find-end copy-marker re-search-forward "[0-9]+" t string-to-number match-string 32 45 " " 100 50 "19"
"20" 1900 2000 format "-%d" " " fill-region message "No copyright message" last e copystart p s copyright-year-
ranges] 12 (#$. 7556) nil))
(put 'copyright 'no-self-insert t)
#@558 Insert a copyright by $ORGANIZATION notice at cursor.

```

This is a skeleton command (see `skeleton-insert').  
Normally the skeleton text is inserted at point, with nothing "inside".  
If there is a highlighted region, the skeleton text is wrapped  
around the region text.

```

A prefix argument ARG says to wrap the skeleton around the next ARG words.
A prefix argument of -1 says to wrap around region, even if not highlighted.
A prefix argument of zero says to wrap around zero words---that is, nothing.
This is a way of overriding the use of a highlighted region.
(defalias 'copyright #[(&optional str arg) "\302\303 #\207" [str arg skeleton-proxy-new ("Company: " comment-start
"Copyright (C) " `(format-time-string "%Y") " by " (or (getenv "ORGANIZATION") str) '(if (copyright-offset-too-
large-p) (message "Copyright extends beyond `copyright-limit' and won't be updated automatically.))) comment-end
n)] 4 (#$. 8883) "*P\nP"]
#@122 Update copyright notice for all files in DIRECTORY matching MATCH.
If FIX is non-nil, run `copyright-fix-years' instead.
(defalias 'copyright-update-directory #[(directory match &optional fix) "\306\307
\310$\310\211\205E@\311\n!\204=\312\313\n\"210\314\310\315\n!\210*\307\2032\316 \210\2025\317 \210)\320
\210\321p!\210A\211\204
\310*\207" [directory match file --dolist-tail-- enable-local-eval enable-local-variables directory-files t nil file-
directory-p message "Updating file `%s' :safe find-file copyright-fix-years copyright-update save-buffer kill-buffer
inhibit-read-only fix] 6 (#$. 9815) "DDirectory: \nMFileNames matching (regexp: ")
(provide 'copyright)

```

# 1.269 irqbalance 1.0.7 12.e17

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## 1.272 libfontenc 1.1.3 3.el7

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## 1.273 commons-lang3 3.1

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# 1.274 xz 5.2.2 1.el7

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Version 2.1, February 1999

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- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline

functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more

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d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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## 1.280 bc 1.06.95 13.e17

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Version 2.1, February 1999

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- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
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- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility

is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the

software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
| 2.4            | 2.3          | 2004      | PSF        | yes                 |
| 2.4.1          | 2.4          | 2005      | PSF        | yes                 |
| 2.4.2          | 2.4.1        | 2005      | PSF        | yes                 |
| 2.4.3          | 2.4.2        | 2006      | PSF        | yes                 |
| 2.4.4          | 2.4.3        | 2006      | PSF        | yes                 |
| 2.5            | 2.4          | 2006      | PSF        | yes                 |
| 2.5.1          | 2.5          | 2007      | PSF        | yes                 |
| 2.5.2          | 2.5.1        | 2008      | PSF        | yes                 |
| 2.5.3          | 2.5.2        | 2008      | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.6   | 2.5   | 2008 | PSF | yes |
| 2.6.1 | 2.6   | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 2.7   | 2.6   | 2010 | PSF | yes |

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl/>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us/>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see <http://www.zope.com/>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| 0.9.0 thru 1.2 | n/a          | 1991-1995 | CWI   | yes             |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI  | yes             |
| 1.6            | 1.5.2        | 2000      | CNRI  | no              |

|       |           |           |            |     |  |
|-------|-----------|-----------|------------|-----|--|
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| 2.0.1 | 2.0+1.6.1 | 2001      | PSF        | yes |  |
| 2.1.1 | 2.1+2.0.1 | 2001      | PSF        | yes |  |
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| 2.3   | 2.2.2     | 2002-2003 | PSF        | yes |  |
| 2.3.1 | 2.3       | 2002-2003 | PSF        | yes |  |
| 2.3.2 | 2.3.1     | 2003      | PSF        | yes |  |
| 2.3.3 | 2.3.2     | 2003      | PSF        | yes |  |
| 2.3.4 | 2.3.3     | 2004      | PSF        | yes |  |
| 2.3.5 | 2.3.4     | 2005      | PSF        | yes |  |
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|       |       |      |     |     |  |
|-------|-------|------|-----|-----|--|
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |  |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |  |
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| 2.6.1 | 2.6   | 2008 | PSF | yes |  |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |  |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |  |
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#### Mersenne Twister

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The `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

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Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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#### MD5 message digest algorithm

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history

that follows (in reverse chronological order):

- 2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.
- 1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
- 1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
- 1999-05-03 lpd Original version.

#### Asynchronous socket services

-----

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Execution tracing

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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:

- Use `binascii` module to do the actual line-by-line conversion between `ascii` and `binary`. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

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-----

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test\_epoll

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Select kqueue

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`strtod` and `dtoa`

-----

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Jean-loup Gailly      Mark Adler  
jloup@zip.org        madler@alumni.caltech.edu

#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.



In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
| 2.4            | 2.3          | 2004      | PSF        | yes                 |
| 2.4.1          | 2.4          | 2005      | PSF        | yes                 |
| 2.4.2          | 2.4.1        | 2005      | PSF        | yes                 |
| 2.4.3          | 2.4.2        | 2006      | PSF        | yes                 |
| 2.4.4          | 2.4.3        | 2006      | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.5   | 2.4   | 2006 | PSF | yes |
| 2.5.1 | 2.5   | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6   | 2.5   | 2008 | PSF | yes |
| 2.6.1 | 2.6   | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 2.7   | 2.6   | 2010 | PSF | yes |

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.. \_history-and-license:

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History and License

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History of the software

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl/>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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All Python releases are Open Source (see <http://www.opensource.org/> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL compatible? |
|----------------|--------------|-----------|------------|-----------------|
| 0.9.0 thru 1.2 | n/a          | 1991-1995 | CWI        | yes             |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes             |
| 1.6            | 1.5.2        | 2000      | CNRI       | no              |
| 2.0            | 1.6          | 2000      | BeOpen.com | no              |
| 1.6.1          | 1.6          | 2001      | CNRI       | no              |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no              |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes             |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes             |
| 2.2            | 2.1.1        | 2001      | PSF        | yes             |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes             |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes             |
| 2.2.1          | 2.2          | 2002      | PSF        | yes             |

|       |       |           |     |     |  |
|-------|-------|-----------|-----|-----|--|
| 2.2.2 | 2.2.1 | 2002      | PSF | yes |  |
| 2.2.3 | 2.2.2 | 2002-2003 | PSF | yes |  |
| 2.3   | 2.2.2 | 2002-2003 | PSF | yes |  |
| 2.3.1 | 2.3   | 2002-2003 | PSF | yes |  |
| 2.3.2 | 2.3.1 | 2003      | PSF | yes |  |
| 2.3.3 | 2.3.2 | 2003      | PSF | yes |  |
| 2.3.4 | 2.3.3 | 2004      | PSF | yes |  |
| 2.3.5 | 2.3.4 | 2005      | PSF | yes |  |
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| 2.4.1 | 2.4   | 2005      | PSF | yes |  |
| 2.4.2 | 2.4.1 | 2005      | PSF | yes |  |
| 2.4.3 | 2.4.2 | 2006      | PSF | yes |  |
| 2.4.4 | 2.4.3 | 2006      | PSF | yes |  |
| 2.5   | 2.4   | 2006      | PSF | yes |  |
| 2.5.1 | 2.5   | 2007      | PSF | yes |  |
| 2.5.2 | 2.5.1 | 2008      | PSF | yes |  |
| 2.5.3 | 2.5.2 | 2008      | PSF | yes |  |
| 2.6   | 2.5   | 2008      | PSF | yes |  |
| 2.6.1 | 2.6   | 2008      | PSF | yes |  |
| 2.6.2 | 2.6.1 | 2009      | PSF | yes |  |
| 2.6.3 | 2.6.2 | 2009      | PSF | yes |  |
| 2.6.4 | 2.6.3 | 2010      | PSF | yes |  |
| 2.7   | 2.6   | 2010      | PSF | yes |  |

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#### Mersenne Twister

---

The `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

## Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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Floating point exception control

-----



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```

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```

MD5 message digest algorithm

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

- 2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.
- 1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
- 1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
- 1999-05-03 lpd Original version.

Asynchronous socket services

-----

The :mod:`asynchat` and :mod:`asyncore` modules contain the following notice::

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-----

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Execution tracing

-----

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UUencode and UUdecode functions

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

#### XML Remote Procedure Calls

-----

The `:mod:`xmlrpc.lib`` module contains the following notice::

The XML-RPC client interface is

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test\_epoll

-----

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Select kqueue

-----

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strtod and dtoa

-----

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```
*****/
```

OpenSSL

-----

The modules :mod:`hashlib`, :mod:`posix`, :mod:`ssl`, :mod:`crypt` use the OpenSSL library for added performance if made available by the operating system. Additionally, the Windows installers for Python include a copy of the OpenSSL libraries, so we include a copy of the OpenSSL license here::

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expat

-----

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libffi

-----

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zlib

----

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jloup@gzip.org      madler@alumni.caltech.edu

#### A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes

the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
| 2.4            | 2.3          | 2004      | PSF        | yes                 |
| 2.4.1          | 2.4          | 2005      | PSF        | yes                 |
| 2.4.2          | 2.4.1        | 2005      | PSF        | yes                 |
| 2.4.3          | 2.4.2        | 2006      | PSF        | yes                 |
| 2.4.4          | 2.4.3        | 2006      | PSF        | yes                 |
| 2.5            | 2.4          | 2006      | PSF        | yes                 |
| 2.5.1          | 2.5          | 2007      | PSF        | yes                 |
| 2.5.2          | 2.5.1        | 2008      | PSF        | yes                 |
| 2.5.3          | 2.5.2        | 2008      | PSF        | yes                 |
| 2.6            | 2.5          | 2008      | PSF        | yes                 |
| 2.6.1          | 2.6          | 2008      | PSF        | yes                 |
| 2.6.2          | 2.6.1        | 2009      | PSF        | yes                 |
| 2.6.3          | 2.6.2        | 2009      | PSF        | yes                 |
| 2.6.4          | 2.6.3        | 2009      | PSF        | yes                 |
| 2.6.5          | 2.6.4        | 2010      | PSF        | yes                 |
| 2.7            | 2.6          | 2010      | PSF        | yes                 |

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Further development

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Although PySNMP is already a mature software and it is being used at many places, the ultimate goal of the project is to implement most of the useful features that SNMP standards can offer. What follows is a list of most prominent missing features that PySNMP developers are planning to put their hands on in the future.

PySNMP library

+++++

#. Built-in MIB parser. PySNMP uses a data model of its own to work with information contained in MIB files. To convert ASN.1-based MIB texts into Python modules, an off-line, third-party tool is employed. As it turns out, this approach has two major drawback: one is that PySNMP users may need to pre-process MIB texts to use them with their PySNMP-based applications. Another is that LibSMI's Python driver seems to miss some information carried by MIBs. Thus the solution would be to write another MIB parser and code generator which would produce PySNMP compliant Python code right from MIB text files all by itself.

**\*\*Done:\*\*** see `PySMI project <<http://snmplabs.com/pysmi/>>` in conjunction with the latest PySNMP codebase.

#. Reverse MIB index. The variable-bindings received by the system whilst in Manager role could be post-processed using the information kept in MIB files to include human-friendly OIDs names, tables indices and values representation. However, there is currently no provisioning in the PySNMP system for locating and loading up MIB files containing additional information on arbitrary OIDs. So the idea is to maintain an OID-to-MIB index to let PySNMP load relevant MIB automatically on demand.

#. Stream sockets support. Currently, PySNMP transport subsystem only supports datagram-type network sockets. That covers UDP-over-IPv4 and UDP-over-IPv6. However, SNMP engine can potentially run over stream-oriented protocols what would let it support TCP-over-IPv4, TCP-over-IPv6 and SSL/TSL transports. Neither of these is currently implemented with PySNMP.

#. AgentX implementation. We anticipate many uses of this. For instance, having AgentX protocol support in pure-Python would let us write AgentX

modules in pure-Python and attach them to high-performance Net-SNMP Agent. Or we could build and maintain a fully-featured, stand-alone PySNMP-based Agent so that users would write their own AgentX extensions what would comprise a complete SNMP Agent solution at lesser effort.

#. A DBMS-based SMI. Currently implemented SMI takes shape of live Python objects that let user hook up his own handler on any existing Managed Object Instance. That's flexible and working approach in many cases, however sometimes, for instance when Management Instrumentation is inherently DBMS-based, it may be more efficient to move the entire SMI/MIB subsystem into a database. PySNMP engine would talk to it through its simple and well defined SMI API.

Stand-alone PySNMP-based tools

+++++

#. SNMP Proxy Forwarder. That would be a stand-alone, application-level proxy service supporting all SNMP versions, multiple network transports, Command and Notification SNMP message types. Its anticipated features include extensive configuration facilities, fine-grained access control and logging.

\*\*Done:\*\* see `SNMP Proxy Forwarder <<http://snmplabs.com/snmpfwd/>>`\_.

#. SNMP Trap Receiver. We see this application as a simple yet flexible SNMP TRAP collector. It would listen on network sockets of different types receiving SNMP TRAP/INFORM notifications over any SNMP version and putting all the details into a database and possibly triggering external events.

#. Database backend for SNMP Simulator. We have already built a tool for simulating SNMP Agents based on a snapshot of their Management Instrumentation state. Current implementation uses a plain-text file for keeping and possibly managing the snapshot. Many users of the Simulator software requested a value variation feature to be supported so that simulated Agents would look live, not static. We consider this variation and also dependencies features would be best implemented as a relational database application. So we are planning to put some more efforts into the Simulator project as time permits.

\*\*Done:\*\* since `snmpsim-0.2.4 <<http://snmplabs.com/snmpsim/>>`\_.

If you need some particular feature - please, `open a feature request <<https://github.com/etingof/pysnmp/issues/new>>`\_ . Once we see a greater demand in particular area, we would re-arrange our development resources to meet it sooner.

You could greater speed up the development of particular feature by

sponsoring it. Please get back to us to discuss details.

Contributions to the PySNMP source code is greatly appreciated as well. We require contributed code to run with Python 2.4 through the latest Python version (which is 3.7 at the time of this writing). Contributed code will be redistributed under the terms of the same ``license <http://snmplabs.com/pysnmp/>`` as PySNMP is.

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/docs/source/development.rst

No license file was found, but licenses were detected in source scan.

# License: <http://snmplabs.com/pysnmp/license.html>  
# This program is free software; you can redistribute it and/or modify  
# it under the terms of the BSD 2-Clause License as shipped with pysnmp.

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/carrier/twisted/base.py

\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/carrier/twisted/dispatch.py

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/setup.py

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# License: <http://snmplabs.com/pysnmp/license.html>

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/hlapi/asyncore/sync/compat/cmdgen.py

\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/entity/rfc3413/ntforg.py

\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/carrier/asyncore/base.py

\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/smi/mibs/SNMP-VIEW-BASED-ACM-MIB.py

\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/carrier/asyncore/dispatch.py

\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/entity/rfc3413/context.py

\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/smi/mibs/SNMP-USER-BASED-SM-3DES-MIB.py

\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-

4.4.12/pysnmp/smi/mibs/SNMPv2-MIB.py  
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\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/smi/builder.py  
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\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/hlapi/asyncore/sync/\_\_init\_\_.py  
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\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/smi/exval.py  
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\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/smi/mibs/RFC1213-MIB.py  
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\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/hlapi/asyncore/sync/ntforg.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/smi/mibs/PYSNMP-USM-MIB.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/proto/secmod/rfc3414/auth/hmacsha.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/carrier/twisted/dgram/base.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/smi/mibs/ASN1-REFINEMENT.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/carrier/sockmsg.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/carrier/asyncio/dgram/udp6.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-

4.4.12/pysnmp/smi/mibs/SNMPv2-TM.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/hlapi/lcd.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/hlapi/asyncore/sync/cmdgen.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/carrier/base.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/carrier/asynsock/dispatch.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/proto/secmod/rfc3414/service.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/nextid.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/error.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/smi/mibs/SNMP-MPD-MIB.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/carrier/asyncore/dgram/udp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/proto/secmod/rfc3414/localkey.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/proto/acmod/rfc3415.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/proto/acmod/void.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/hlapi/\_\_init\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/hlapi/varbinds.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/smi/mibs/RFC1158-MIB.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/smi/mibs/SNMPv2-CONF.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/hlapi/twisted/cmdgen.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/proto/secmod/eso/priv/aes192.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/proto/mpmod/base.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/entity/rfc3413/mibvar.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/smi/indices.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/carrier/asyncore/dgram/base.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/hlapi/asyncio/transport.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-

4.4.12/pysnmp/smi/mibs/INET-ADDRESS-MIB.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/smi/rfc1902.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/proto/secmod/rfc3414/priv/des.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/hlapi/asyncore/sync/compat/ntforg.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/hlapi/twisted/transport.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/smi/mibs/instances/\_SNMP-TARGET-MIB.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/proto/api/verdec.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/pysnmp/debug.py

No license file was found, but licenses were detected in source scan.

The library is being distributed under 2-clause BSD-style license.

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1062946497\_1592924932.81/0/pysnmp-4-4-12-tar-gz/pysnmp-4.4.12/docs/source/contents.rst

No license file was found, but licenses were detected in source scan.

Revision 4.4.12, released 2019-09-24

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- Fixed broken SNMPv3 `msgFlag` initialization on authoritative SNMP engine ID discovery. This bug causes secure communication with peer SNMP engines to stall at SNMP engine ID discovery procedure.

Revision 4.4.11, released 2019-08-10

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- Added SNMPv3 USM master and localized keys support to LCD configuration  
- Improved initial and runtime USM debugging  
- Fixed a bug in USM configuration which did not allow the same user names to be added under different security names

Revision 4.4.10, released 2019-07-29

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- Reworked VACM access control function. Most important changes include:

- \* Added subtree match negation support (vacmViewTreeFamilyType)
- \* Added subtree family mask support (vacmViewTreeFamilyMask)
- \* Added prefix content name matching support (vacmAccessContextMatch)
- \* Added key VACM tables caching for better `isAccessAllowed` lookup

performance

One potential incompatibility may be caused by the `addContext()` call which now needs to be made explicitly during low-level VACM configuration rather than be a side effect of `addVacmAccess()` call.

- Rebased MIB importing code onto `importlib` because `imp` is long deprecated
- Received MIB objects resolution made more forgiving to errors, added optional `ignoreErrors` parameter to `ObjectType.resolveWithMib()` to control that behaviour.
- Fixed asyncore main loop to respect non-default timer resolution
- Fixed `.setTimerResolution()` behaviour of abstract main loop dispatcher to update call intervals of the existing periodic dispatcher jobs
- Fixed `var-bindings` initialization to prevent pyasn1 encoder failures with newer pyasn1 versions where `SequenceOf` type loses its default initializer.
- Fixed crash on uninitialized component serialization left out in SNMP v1 TRAP PDU to SNMPv2/3 TRAP PDU proxy translation routine.

Revision 4.4.9, released 2019-02-09

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- Made MIB loader ignoring file and directory access errors
- Added missing SNMP PDU error classes and their handling in Command Responder
- Fixed crash on MIB load failure in case of directory access error
- Fixed socket transparency option (IPV6\_TRANSPARENT) to make IPv6 transparent operation functional

Revision 4.4.8, released 2018-12-30

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- Fixed Pythonized MIB load (in the source form) - made sure to turn it into a code object prior to its execution

Revision 4.4.7, released 2018-12-29

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- Copyright notice extended to the year 2019
- Exposed ASN.1 `Null` type through `rfc1902` module for convenience.
- Use `compile()` before `exec()`ing MIB modules to attach filename to the stack frames (ultimately shown in traceback/debugger)
- Fixed hlapi/v3arch transport target caching to ensure transport targets are different even if just timeout/retries options differ
- Fixed hlapi LCD configurator to include `contextName`. Prior to this fix sending SNMPv3 TRAP with non-default `contextName` would fail.
- Fixed possible duplicate key occurrence in the `OrderedDict` following a race condition

- Fixed undefined name references in ``inet_pton`/`inet_ntop`` substitute routines for IPv6 in ``TRANSPORT-ADDRESS-MIB.py``

Revision 4.4.6, released 2018-09-13

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- Improved package build and dependency tracking
- Fixed missing LICENSE from the tarball distribution
- Fixed ``CommandGeneratorLcdConfigurator.unconfigure()`` to fully clean up internal caches, otherwise repetitive attempts to configure the target would fail.
- Fix to tolerate possible duplicate enumerations in ``Bits`` and ``Integer`` SMI types.
- Fix to tolerate non-initialised entries in SNMP community table. Once a bad entry sneaked into the SNMP community table, all the subsequent SNMP v1/v2c operations failed. The fix ignores incomplete SNMP community table entries in the course of building indices.

Revision 4.4.5, released 2018-08-05

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- Added `PySnmpError.cause` attribute holding parent exception tuple
- Fixed broken `InetAddressType` rendering caused by a `pyasn1` regression
- Fixed typo in RFC1158 module
- Fixed possible infinite loop in GETBULK response PDU builder
- Fixed memory leak in the ``config.delContext()`` VACM management harness
- Fixed ``Bits`` class initialization when enumeration values are given
- Fixed crash caused by incoming SNMPv3 message requesting SNMPv1/v2c security model
- Fixed out-of-scope OIDs leaking at the end of SNMP table at `hlapi`nextCmd`` and `bulkCmd`` calls when ``lexicographicMode = False``

Revision 4.4.4, released 2018-01-03

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- Copyright notice extended to the year 2018
- Fixed short local key expansion at 3DES key localization implementation.

Revision 4.4.3, released 2017-12-22

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- Migrated references from SourceForge
- Added missing SHA2 support for Blumenthal key localization
- Fixed named bits handling at `rfc1902.Bits`
- Fixed missing `SmiError` exception class at `pysnmp.proto.rfc1155`
- Fixed SNMP v1->v2c PDU proxy -- `error-status`` & `error-index`` fields from v1 PDU get copied over to v2c PDU in addition to the exception

sentinels being set

Revision 4.4.2, released 2017-11-11

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- The pysnmp version being used gets exposed to the MIB modules via the `MibBuilder` instance
- The `.setObjects()` method of the SMI types now accepts ``append=False`` parameter to let the caller adding more than 255 elements over the course of multiple calls
- Added support for some more missing fields of SMIV2 MACRO types
- Example scripts rearranged in a way that IPv6 requirement is clearly encoded in the script's name
- Fixed SNMPv2-SMI.NotificationType to expose `.set/getReference()` instead of `.set/getRevision()` which should not be there in the first place
- Fixed non-implied-OID encoding in SNMP table indices
- Fixed inconsistent SNMPv3 discovery and retrying algorithm

Revision 4.4.1, released 2017-10-23

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- HMAC-SHA-2 Authentication Protocols support added (RFC-7860)
- The pycryptodome dependency replaced with pycryptodomex as it is recommended by the upstream to avoid unwanted interference with PyCrypto package should it also be installed
- Sphinx theme changed to Alabaster in the documentation
- Minor adjustments towards pyasn1 0.4.x compatibility
- Fixed ObjectIdentifier-into-ObjectIdentity casting at rfc1902.ObjectType MIB resolution harness
- Fixed NetworkAddress object handling in SNMP table indices
- Fixed MIB lookup by module:object.indices MIB object with InetAddressIPv{4,6} objects being in the index
- Fixed non-translated PDU being retries at CommandGenerator what leads to wrong PDU version being sent and even a crash on incompatible PDU/SNMP message combination

Revision 4.3.10, released 2017-10-06

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- Refactored partial SNMP message decoding to make it less dependent on unpublished pyasn1 API features.
- Fix to MibTableRow.setFromName() to keep the input parameter type when it propagates to the return value. Before this fix ObjectIdentity.prettyPrint() may crash when rendering malformed SNMP table indices.
- Fixed NotificationReceiver to include SNMPv1 TRAP Message community string into SNMPv2c/v3 TRAP PDU



- Fixed multiple bugs in SNMP table indices rendering, especially the InetAddressIPv6 type which was severely broken.
- Fixed crashing Bits.prettyPrint() implementation
- Fixed crashing Bits.clone()/subtype() implementation
- Fixed leaking exceptions bubbling up from the asyncio and Twisted adapters

Revision 4.3.9, released 2017-07-26

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- Deprecated UsmUserData initialization parameters removed
- Adapted to pyasn1 API changes introduced by release 0.3.1
- Fix to a crash happening on inbound SNMP message having non-initialized fields
- Fix to (persistent SNMP engine ID) file writing on Windows

Revision 4.3.8, released 2017-06-15

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- Security fix to the bug introduced in 4.3.6: msgAuthoritativeEngineTime stopped changing over time and was returning the same timestamp (process start time). This fix makes it growing as it should.

Revision 4.3.7, released 2017-05-29

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- \* Fixed import error in legacy NotificationOriginator implementation

Revision 4.3.6, released 2017-05-28

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- More instrumentation hooks added addressing security failures auditing needs.
- SNMP table indices correlation implemented within SMI framework. The opaque InetAddress type implemented. INET-ADDRESS-MIB included into the distribution.
- SNMP table indices resolution logic made more robust against malformed indices.
- Fixes to \*lexicographicMode\* option documentation to make it unambiguous.
- The `ErrorIndication` object is now derived from `Exception` so that it could be raised in exceptions.
- The `errorIndication` values produced by various parts of SNMP engine unified to be `ErrorIndication` instances. This fixes an issue with Twisted.
- Embedded MIB modules rebuilt with the latest pysmi adding previously missing attributes like `status`, `description` etc.
- Fixed potential SNMP engine crash on handling incoming message at unsupported security level

Revision 4.3.5, released 2017-03-24

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- The getNext() and getBulk() calls of Twisted interface. now support ignoreNonIncreasingOid option.
- TextualConvention is now a new-style class.
- Fix to accidentally reset error-status when building confirmed class SNMPv1 PDU.
- Fix to possible infinite recursion in TextualConvention.prettyIn().
- Fixed crash when attempting to report unsupported request/notification PDU back to sender.

Revision 4.3.4, released 2017-03-01

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- Fix to low-level SNMP API example to accommodate changed pyasn1 SEQUENCE supporting iterator protocol.
- The pyasn1 version dependency bumped (0.2.3), SEQUENCE/SEQUENCE OF API calls adjusted to accommodate changed pyasn1 API (in part of .setComponentBy\*() kw flags).
- Fixed crash on SNMP engine's invalid message counter increment.

Revision 4.3.3, released 2017-02-04

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- Switched from now unmaintained PyCrypto to PyCryptodome.
- Switched to new-style classes.
- NotificationType now allows additional var-binds specified as MIB objects. A side effect of this change is that additional var-binds can only be added prior to .resolveMibObjects() is run.
- Non-standard (but apparently used by many vendors) Reeder AES192/256 key localization algorithm implemented and set as default for usmAesCfb192Protocol and usmAesCfb256Protocol identifiers. Original and more standard implementation can still be used with the usmAesBlumenthalCfb192Protocol and usmAesBlumenthalCfb192Protocol IDs respectively.
- TextualConvention.prettyOut() improved to produce prettier and more SMI-compliant output.
- TextualConvention.prettyIn() implemented to handle DISPLAY-HINT based value parsing.
- Fix to NotificationType to make additional var-binds overriding MIB objects implicitly included through NOTIFICATION-TYPE OBJECTS.
- Fix to SNMP engine boots counter persistence on Python 3.
- Fix to Pythonized MIBs loading when only .pyc files are present (e.g. py2exe/cx\_freeze environments).
- Fix broken 3DES key localization and encryption procedures.
- Updated IP address for demo.snmplabs.com in examples.

- Missing index added to bundled RFC1213::atEntry MIB table.
- Twisted integration made Python3 compatible.
- Accommodated ASN.1 SEQUENCE iteration rules change in upcoming pyasn1 version.
- Author's email changed, copyright extended to 2017.

Revision 4.3.2, released 2016-02-12

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- Copyright notice added to non-trivial source code files.
- SNMP table row consistency check added. This change may break valid SNMP SET operations on tables if RowStatus column is not passed at the very end of var-binds.
- All SNMP counters now incremented via '+= 1' rather than 'x = x + 1' to simplify their tracking by third-party code.
- Notification originator examples re-pointed to Notification Receiver at demo.snmplabs.com.
- Two more execution observer points added: rfc2576.processIncomingMsg and rfc3414.processIncomingMsg to give an insight on security modules internals.
- TEXTUAL-CONVENTION's DISPLAY-HINT text formatting reworked for better performance and encoding accuracy of 'a' and 't' formats.
- WARNING: security fix to USM - extra user entry clone removed on incoming message processing. It made USM accepting SNMPv3 TRAPs from unknown SNMP engine IDs.
- Fix to snmpInvalidMsgs and snmpUnknownSecurityModels MIB symbols import at SNMPv3 MP model.
- Fix to NotificationOriginator to cope with unspecified user callable.
- Fix to OctetString.prettyOut() to pretty-print Python 3 bytes without 'b' qualifier.
- Fix to better pysmi import errors handling.
- Fix to missing next() in Python 2.5 at pysnmp.hlapi

Revision 4.3.1, released 2015-11-12

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- Added recursive resolution of ObjectIdentifier values at ObjectType by converting it to ObjectIdentity.
- A bunch of convenience shortcuts to rfc1902.ObjectIdentity added from rfc1902.ObjectType and rfc1902.NotificationType (.addAsn1MibSource(), .addMibSource(), .loadMibs())
- When pretty printing indices at rfc1902.ObjectType, quote only strings.
- SNMP overview and PySNMP hlapi tutorial added to documentation.
- Fix to \_\_doc\_\_ use in setup.py to make -O0 installation mode working.
- Fix to ObjectIdentity->ObjectIdentifier attributes handover
- Fixed crash at oneliner compatibility code on EOM response.
- Fixed crash in hlapi.transport module.
- Fixed OID resolution issues that roots at node 0 and 2.
- Fix to MIB builder to fail gracefully on corrupted MIB package encounter.

- Fix to docs distribution -- now they are Sphinx-buildable out-of-the-box.
- Source code re-linted

Revision 4.3.0, released 2015-09-28

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- Critical error fixed in key localization procedure for AES192/AES256/3DES cyphers. Previous versions might never have worked properly in this respect.
- Initial PySMI integration. Original ASN.1 MIBs could now be parsed, stored at a local pysnmp MIBs repository and loaded into SNMP Engine. Relevant example scripts added. Obsolete libsmi-based scripts removed.
- Major rewrite of native SNMPv3 CommandGenerator and NotificationOriginator applications towards the following goals:

- \* avoid binding to specific SNMP engine instance to promote single SNMP app instance using many SNMP engine instances
- \* support two APIs for working with request data: one operates on the whole PDU object while the other on PDU contents
- \* keep callback context data in stack rather than in stateful application cache
- \* newly introduced sendVarBinds() method offers a more functional and logical signatures.
- \* Promote the use of dedicated classes for dealing with OID-value pairs. Instances of those classes resemble OBJECT-IDENTITY, OBJECT-TYPE and NOTIFICATION-TYPE MIB structures.
- \* Oneliner API reworked to become more generic: its LCD configuration shortcuts and var-bindings processing code split off SNMP apps classes to stand-alone objects. The whole API also moved up in package naming hierarchy and becomes 'pysnmp.hlapi.asyncore' (hlapi is apparently an African fish). Old oneliner API remains fully operational at its original location.
- \* Synchronous oneliner apps redesigned to offer Python generator-based API along with a more comprehensive set of accepted parameters.
- \* Asyncore-based asynchronous apps reworked to become functions.
- \* Twisted API moved entirely into high-level domain to be aligned with other high-level APIs. This WILL BREAK backward compatibility for those apps that use Twisted API.
- \* Keep backward compatibility for all existing major/documented interfaces

- Sphinx documentation added to source code and example scripts. Library documentation converted from .html into RST markup.
- Execution Observer facility implemented to give app an inside view of SNMP engine inner workings. This is thought to be a generic framework for viewing (and modifying) various internal states of pysnmp engine. Previously introduced non-standard APIs (like getting peer's transport endpoint which is not suggested in RFCs) will be gradually migrated to this new framework.
- Initial support for the asyncio & Trollius frameworks and

coroutines-based SNMP Applications interfaces added. Both IPv4 and IPv6 datagram transports are currently supported.

- Original asynsock transport and AsyncsockDispatcher renamed into asyncore and AsyncoreDispatcher respectively to provide better hint to fellow devs on the underlying transport being used. Backward compatibility preserved.

- The asyncore-based transport subsystem extended to support POSIX sendmsg()/recvmsg() based socket communication what could be used, among other things, in the context of a transparent SNMP proxy application. Technically, the following features were brought into pysnmp with this update:

- \* Sending SNMP packets from a non-local IP address
- \* Receiving IP packets for non-local IP addresses
- \* Responding to SNMP requests from exactly the same IP address the query was sent to. This proves to be useful when listening on both primary and secondary IP interfaces.

- Internal oneliner apps configuration cache moved from respective apps objects to [a singular] snmpEngine "user context" object.

That would allow for better cache reuse and allow for a single app working with many snmpEngine instances.

- Oneliner GETBULK Command Generator now strips possible excessive OIDs off the bottom of returned var-binds table.

- Constraints assignment shortcut added to some base rfc1902 types (Integer, Integer32, OctetString, Bits). That formally constitutes ASN.1 sub-typing.

- Built-in debugging is now based on Python logging module.

- Examples on a single Transport Dispatcher use with multiple SnmpEngine instances applications added.

- Example script on transport timeout & retries manipulation added.

- Example script explaining incoming message's communityName re-mapping added.

- Broadcast socket option can now be enabled with the .enableBroadcast() call for any datagram-based transport (namely, UDP and UDP6).

- AbstractTransportDispatcher's jobStarted() and jobFinished() methods now accept optional 'count' parameter which is a way for an app to indicate how many responses are expected or have been processed in bulk.

- Example script on SNMP Agents UDP broadcast-based discovery added.

- Oneliner transport object now supports setLocalAddress() method to force socket binding to specified local interface.

- New public DgramSocketTransport.getLocalAddress() returns local endpoint address underlying BSD socket is currently bound to.

- Passing request details to access control callback at CommandResponder reworked towards more robust and simple design with the execution observer facility.

- All MIBs rebuilt with pysmi.

- MIB instrumentation example improved to cover table index building facility.

- Handle the case of null writer at Debug printer.

- Do not cache snmpEngineId & snmpAdminString at CommandGenerator to let it

be reused with many different snmpEngines.

- TRAP PDU agent address evaluation at proto.api made lazy to improve startup time.
- Multiple fixes to verify pyasn1 decoder.decode() return to withstand broken SNMP messages or its components.
- First attempt made to make some of SNMP Engine settings persistent across reboots.
- Make config.delTransport() returning detached transport object. Asyncio examples now use this facility to explicitly shutdown transport object.
- Parts of SMIV1 remnant MIBs (RFC1213-MIB, RFC1158-MIB) added to provide complete compatibility with SMIV1. Symbols defined in these MIBs only present in SMIV1 so they can't be substituted with their SMIV2 analogues.
- MibBuilder.addMibSources() convenience method added.
- The smi.MibBuilder() will now raise more specific exceptions (MibLoadError, MibNotFoundError) on MIB loading problems rather than more generic SMIError.
- The oneliner's MibVariable MIB lookup subsystem redesigned for more generality to mimic OBJECT-TYPE macro capabilities related to SNMP PDU handling. The two new classes are ObjectIdentity and ObjectType. The ObjectIdentity class additionally supports just a MIB module name initializer in which case it resolves into either first or last symbol in given MIB. Another option is just a MIB symbol initializer without specifying MIB module.  
This new subsystem is moved from the scope of oneliner to more common pysnmp.smi.rfc1903 scope to more naturally invoke it from whatever part of pysnmp requires MIB services.
- MibBuilder now prepends the contents of environment variables it recognizes (PYSNMP\_MIB\_DIR, PYSNMP\_MIB\_DIRS, PYSNMP\_MIB\_PKGS) rather than using them instead of its default core MIBs.
- Removed RowStatus default value as it may collide with possible subclass constraints.
- A few additional MIB tree management methods added to MibViewController to better address ordered nature of MIB tree nodes (namely, getFirst\*, getLast\* family of methods).
- Wheel distribution format now supported.
- Fix to authoritative engine side snmpEngineID discovery procedure: respond with notInTimeWindows rather than with unsupportedSecurityLevel at time synchronization phase.
- Fix to rfc1902.Bits type to make it accepting hex and binary initializers, cope with missing bits identifiers at prettyPrint().
- Memory leak fixed in CommandForwarder examples.
- Fix to BULK CommandGenerator to use the same nonRepeaters OIDs across multiple GETBULK iterations so returned table for nonRepeaters columns would hold the same var-bind.
- Fix to CommandGenerator to make sendRequestHandle persistent across multiple iterations of GETNEXT/GETBULK queries.
- Fix to sendNotification() error handling at NotificationOriginator.
- Fix to preserve possible 'fixed length' setting at rfc1902.OctetString

on clone()'ing and subtype()'ing.

- Fix to rfc1902.OctetString & Bits to base them on OctetString class to make the 'fixed length' property working.
- Fix to .clone() method of rfc1902.Bits class to make its signature matching the rest of classes. This may broke code which used to pass namedValue parameter positionally rather than binding it by name.
- Fix to PDU translation service (proto.proxy.rfc2576) to make it initializing errorIndex & errorStatus components of the resulting PDU.
- Fix to MsgAndPduDispatcher.sendPdu() to clean up request queue on pysnmp-level processing failure.
- Fix to SNMPv1/v2c message processing subsystem to make it serving unique PDU request-id's in both outgoing and incoming confirmed and response PDU types. Duplicate request-id's in unrelated PDUs may cause cache errors otherwise.
- Fix to licensing terms of multiple twisted backend modules to make the whole pysnmp package licensed under BSD 2-Clause license. This change has been explicitly permitted by the original modules authors.
- Fix to asyncore-based transport not to use asyncore's cheap inheritance from socket object what caused warnings.
- Fix at NotificationOriginator to make is using MibInstrumentationController when expanding Notification OBJECTS into Managed Objects Instances.
- Missing wrongLength and wrongEncoding SMI errors added.
- Fix to file descriptor leak at MibBuilder.
- Fix to rfc2576.v2ToV1() to ignore impossible errorStatus.
- Fix to rfc2576.v1ToV2() to reset ErrorStatus==noSuchName on proxying.
- Fix to smi.builder to explicitly fail on any MIB file access error (but ENOENT) and raise IOError uniformly on any directory/egg access failure.
- Fix to infinite loop at config.delV3User().

Revision 4.2.5, released 2013-10-02

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- License updated to vanilla BSD 2-Clause to ease package use (<http://opensource.org/licenses/BSD-2-Clause>).
- A dozen of lightweight Twisted-based example scripts replaced more complex example implementations used previously.
- SNMP Proxy example apps separated into a larger set of more specialized ones.
- Most of Command Generator examples re-pointed to a live SNMP Agent at [demo.snmplabs.com](http://demo.snmplabs.com) to ease experimentation and adoption.
- Multithreaded oneliner CommandGenerator example added.
- Packet-level SNMP API (pysnmp.proto.api) getErrorIndex() method can now be instructed to ignore portentially malformed errorIndex SNMP packet value what sometimes happens with buggy SNMP implementations.
- Standard SNMP Apps and built-in proxy now ignores malformed errorIndex value.
- Built-in logging now includes timestamps.

- Multi-lingual capabilities of all CommandGenerator & NotificationOriginator apps re-worked and improved. For instance it is now it's possible to run getBulk() against a SNMPv1 Agent invoking built-in SNMP Proxy behind the scene.
- The \$PYSNMP\_MIB\_DIR & \$PYSNMP\_MIB\_DIRS & \$PYSNMP\_MIB\_PKGS path separator made platform-specific.
- Change to rfc2576.v1tov2() logic: errorStatus = noSuchName is now translated into rfc1905.noSuchObject exception value for \*all\* var-bindings at once. Although RFC2576 does not suggest error-status -> v2c exception translation, historically pysnmp used to perform it for a long time so we can't easily stop doing that.
- Exception re-raising improved at MibInstrumController.flipFlopFsm() and asynsock/twisted dispatchers so that original traceback is preserved.
- A single instance of transport dispatcher can now serve multiple receivers (identified by IDs) chosen by a public data routing method.
- SnmpEngine.[un]registerTransportDispatcher() methods now accept optional receiver ID token to be used by transport dispatcher's data router. This allows for multiple SNMP engines registration with a single transport dispatcher.
- Distribute is gone, switched to setuptools completely.
- The snmpCommunityTable row selection improved to follow RFC2576, clause 5.2.1.
- Asyncore-based dispatcher attempts to use poll() whenever available on the platform. It would help handling a really large number (>1024) of file descriptors.
- AsyncCommandGenerator.makeReadVarBinds() generalized into a new makeVarBinds() method which replaces somewhat redundant code at setCmd() and AsyncNotificationOriginator.sendNotification().
- AsyncCommandGenerator.uncfgCmdGen() & AsyncNotificationOriginator.uncfgCmdGen() methods now accept optional authData parameter to remove specific entries from LCD. This can be useful for modifying security parameters for specific securityName.
- SNMP credentials management reworked to separate userName from securityName in snmpCommunityEntry and usmUserEntry tables. Changes made to addV1System(), addV3User() functions as well as to their oneliner's wrappers.
- The contextEngineId parameter of config.addV3User() and auth.UsmUserData() renamed into securityEngineId as it's semantically correct
- Oneliner UsmUserData() and CommunityData() classes now support clone()'ing to facilitate authentication data management in user applications.
- Oneliner transport target classes now support the getTransportInfo() method that returns network addresses used on protocol level.
- Oneliner CommandGenerator.getNext() & .getBulk() methods now support the maxCalls kwarg to limit the maximum number of iterations to perform.
- The config.addSocketTransport() helper renamed into config.addTransport() and improved by automatically instantiating compatible TransportDispatcher making it dispatcher-agnostic. As an additional bonus, application may not call registerTransportDispatcher() as it would be called by addTransport().
- The SnmpV3MessageProcessingModel.getPeerEngineInfo() method is implemented



to communicate discovered peer SNMP engine information to SNMP apps what can be used for fine usmUserTable configuration.

- AsynNotificationOriginator.cfgCmdGen() does not take into account securityModel & securityLevel when reducing LCD access via addTrapUser(). This improves LCD consistency on sparse add/del operations but also does not let you to configure different securityModels per securityname at VACM though the cfgCmdGen() wrapper.
- MIB builder traceback formatting and reporting improved.
- SNMP Engine object now has a snmpEngineID attribute exposed.
- Fix to inet\_ntop()/inet\_pton() support on Windows at TRANSPORT-ADDRESS-MIB.
- Fix to usmUserSecurityName table column implementation -- automatic value generation from index value removed.
- Fix and significant logic rework of snmpCommunityTable to make it working in both Generator and Responder modes and better follow RFC2576 requirements on sequential entries lookup and selection. As a side effect, untagged snmpCommunityTable entries will *not* match tagged snmpTargetAddrTable entries and vice versa.
- Fix to Twisted-based NotificationOriginator to make it serving INFORMs again.
- Fix to rfc2576.v1tov2() logic: errorStatus = noSuchName is now translated into rfc1905.noSuchObject exception value for *all* var-bindings. Although this is not mentioned in RFC, it looks as a more consistent approach.
- Fix of rounding error to base I/O dispatcher's next timer call calculation.
- Explicit twisted dispatcher's timer resolution (of 1 sec) removed to make use of global default of 0.5 sec.
- Fix to twisted/udp non-default local endpoint binding features. Common socket ('host', port) notation is now supported.
- Fix to Twisted-based transport to make it closing UDP port / UNIX pipe on shutdown.
- Fix to Twisted-based dispatcher not to close transport on unregistration at dispatcher as transports can potentially be reused elsewhere.
- Fix to asyncore-based transport to work only with AsynsockDispatcher's socket map and not to touch default asyncore's one. The latter have caused dispatcher/transport restarting issues.
- The delV3User() function improved to drop all rows from USM table that were cloned from the target one.
- Fix to exceptions handling at MsgAndPduDispatcher.sendPdu() to avoid sendPduHandle miss (followed by system crash) on cache expiration run.
- Break cyclic references at CommandResponder and NotificationReceiver apps through close() method.
- Fix to octet string typing at 3DES codec (used to throw an exception).
- Fix to SnmpAdminString, SnmpTagList, SnmpTagValue types to make them supporting UTF-8 initializers.
- Fix to v1/v2c message processing module which used to refer to a bogus stateReference in some cases what causes SNMP engine crashes.
- Fix to IPv6 transport to zero ZoneID, FlowID and ScopeID components sometimes coming along with incoming packet.
- Fix to SNMPv1 MP module to pass stateReference to registered app on unconfirmed notifications reception (to let NotificationReceiver

Apps browsing request details).

(transport information at the moment) at SNMP engine.

- Asyncsock sockets now configured with SO\_REUSEADDR option to fix possible Windows error 10048.
- Gracefully handle malformed SnmpEngineID at USM coming from SNMPv3 header.
- Typos fixed in error-status constants at CommandResponder
- Missing import added to oneliner auth module.
- Cosmetic changes to v3arch example scripts.

Revision 4.2.4, released 2013-01-30

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- SNMPv3 high-level and native API examples reworked and extended to cover many use cases.
- The missing functionality of NOTIFICATION-TYPE objects being looked up at local Management Instrumentation and attached to TRAP/INFORM message by Notification Originator is now fully implemented.
- The missing functionality of passing Response PDU contents of INFORM request is now implemented at Notification Originator app. The return value of NotificationOriginator.sendNotification is now a composite object that includes errorStatus, errorIndex and varBinds.
- The missing functionality of passing lookupNames & lookupValues params to Notification Originator is now implemented. It may make sense for INFORMs.
- The missing functionality of passing contextName to oneliner version of NotificationOriginator.sendNotification is now implemented.
- Oneliner example apps now include cases where non-default SNMP ContextEngineId/ContextName/SecurityEngineId is used.
- The contextName parameter of SnmpContext.getMibInstrum made optional.
- AbstractMibInstrumController class added as a base class for all possible kinds of Management Instrumentation controllers.
- Report package version on debugging code initialization.
- MibInstrumController.getMibBuilder() added.
- I/O sockets buffer sizes made configurable, minimum default is now forced to be no less than 2\*\*17 (to fit two huge datagrams).
- Catch possible exceptions on pyasn1 encoder invocation.
- VACM modules converted from a function into an object to let it keep state (caches) in the future.
- Unnecessary MibSource explicit initialization calls removed at MibBuilder.
- Example configuration for Net-SNMP's snmptrapd added.
- Cast additionalVarBinds into ObjectIdentifier type at NotificationOriginator.sendNotification()
- Standard SNMPv3 Apps hardened to catch protocol-related exceptions and report them as errorIndication's.
- Catch and mute possible failure of getsockname(), that seems to happen on Windows only so far.
- Memory leak fixed at oneliner cache of already configured targets.
- Fixes to at AsynNotificationOriginator.sendNotification() to make

- a) the notificationType param mandatory b) the varBinds param really optional
- Fixes to ContextEngineId/ContextName support at the oneliner API: now both items should be passed to request PDU through Cmd() request initiation method, the items of authData object should be used only for LCD configuration.
- Fix to MibVariable handling of the MIB, <empty-symbol> initializers.
- Fix to outgoing queue processing order at socket transport. Now it's a FIFO discipline rather than LIFO.
- Fix to NotificationOriginator's additionalVarBinds parameter - it is not mandatory anymore with the oneliner API. Also additionalVarBinds defaulted value changed from None to () meaning no var-binds.
- Attempt to convert Windows style EOL into UNIX ones in MIB source modules appeared to be unnecessary and even destructive to modules data in some cases. So the conversion code removed altogether.
- Fix to isAccessAllowed() error handling at NotificationOriginator. System used to crash on access denied condition.
- Fix to NotificationOriginator to make it use system uptime and trap OID values from SNMP engine's instrumentation rather than from SNMP context.
- Fix a couple of bugs at MibTable\* logic involved for table instances creation.
- Fix to Management Instrumentation code to handle cases of non-initialized or not-compliant-to-constraints Managed Objects Instances.
- Fix to Management Instrumentation code to make table row removal through SNMP working again. Wrong method (instumClone) was probed at terminal MIB nodes values instead of the right one (setValue).

Revision 4.2.3, released 2012-09-06

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- SECURITY FIX: USM subsystem did not verify securityLevel of a request to an authoritative SNMP engine against auth/priv protocols configured for the user in question. That allowed unauthenticated/unciphered access to pysnmp-based Agent even if USM user is configured to provide one.
- Oneliner [Asyn]CommandGenerator now supports optional keyword args lookupNames, lookupValues that enable response OID / value looked up at MIB and reported as a MibVariable container object carrying relevant MIB info.
- Oneliner [Asyn]CommandGenerator now supports symbolic MIB object names to be passed within a MibVariable container object which would do a deferred MIB lookup for name resolution. This is a new and preferred API which obsoletes the tuple-based one (it is still supported though).
- Oneliner CommandGenerator's class attributes lexicographicMode, maxRows and ignoreNonIncreasingOid moved to optional keyword args of nextGen() and bulkGen() methods.
- IPv6/UDP and Local Domain Socket transport interfaces added to the oneliner API.
- Mib Instrumentation subsystem re-worked to replace excessive

- MibNode's smiCreate()/smiWrite()/smiDestroy() methods with MibScalarInstance's getValue()/setValue()
- MibTree.readTest[Get]Next() reworked to be called uniformly so user could tap on these methods at any level of the MIB tree.
  - MibTableColumn.getNextNodeWithValue() unpublished API method obsoleted and removed for clarity.
  - Hex dumps of binary parts of the protocol added to ease system operations analysis.
  - SnmpEngineId autogeneration does not call DNS resolver but uses local hostname not to depend upon local IP availability and performance.
  - Example apps reworked, additional SNMPv3 auth/priv protocols and transports added.
  - Package version is now available as `__init__.__version__` and it is in-sync with distutils.
  - Package meta-information updated.
  - The `__init__.py`'s made non-empty (rumors are that they may be optimized out by package managers).
  - Multiple fixes to UNIX domain socket transport to make it fully operational again.
  - Use `sysUpTime` value whenever it is included in Notification PDU, otherwise resort to SNMP engine uptime reading.
  - SNMPv2c Message is now defined in `rfc1901.py` what matches standard definition.
  - Types defined within SNMPv1/v2c data structures (`rfc1157.py`/`rfc1905.py`) moved to module scope to become accessible by wrapper routines (`v1.py`/`v2c.py`). This is used for setting strictly typed default values to corresponding SNMP data structures.
  - The obsolete and unpublished `MibInstrumController.readVarsFast()` method removed for API clarity.
  - `MibBuilder` now distinguishes case of MIB modules filenames even if underlying OS does not.
  - LCD configuration caching is implemented at `pysnmp.entity.rfc3413.config` that improves performance of repetitive calls by 10% and might hugely improve `NotificationOriginator`'s performance when working on a large number of targets.
  - A caching maps implemented at `rfc2576` subsystem to speed-up `communityName` to/from `securityName` resolution. The also makes transport tags processing better compliant to the standard.
  - Community and Transport tags processing changed at the oneliner interface to make the whole mechanism more compliant with the standard. Most importantly, it is now possible to tag authentication and transport information separately.
  - The `NoSuchInstanceError` exception class is no more inherits from `NoSuchObjectError` to make class hierarchy closer to SNMP specification which states that these errors are separate and independent.
  - The `Next & BulkCommandGenerator`'s split onto single-run and iterative implementations. The former just process a single interaction and complete while the latter run as many interactions as user callback function

indicates to.

- The `pysnmp.entity.rfc3413.mibvar` module is now obsolete by `pysnmp.entity.rfc3413.oneliner.mibvar` featuring basically the same features but within a stateful, dedicated object.
- Auth & target configuration container classes moved to their separate modules at oneliner API.
- The `notificationType` parameter of `AsynNotificationOriginator.sendNotification` made defaulted to reflect its optional nature.
- Oneliner `UsmUserData`, `UdpTransportTarget`, `Udp6TransportTarget` instances are not hashable anymore as they are intended to act more like a data structure than object.
- Built-in debugger now supports negating debugging categories.
- An `async/getgen.py` example script added.
- Fix to MIB data reading routine to make it working with possible Windows end-of-line's.
- Fix to CommandGenerator's SNMPv3 engine autodiscovery algorithm when `retryCount` is administratively set to 0.
- Fix to Notification Originator to make it communicating a single `sendPduHandle` to an application even when multiple INFORMs are triggered and processed by a single call by way of transport tagging feature.
- Fix to `rfc2576:processIncomingMessage()` to take `SecurityModel` into account when lookup up `SecurityName` by `CommunityName`. This allows mixed SNMPv1/v2c communication with the same target.
- Fix to internal `MessageProcessing` and `SecurityModel` timers so they become dependant on system timer resolution.
- Fix to `v1.PDUAPI.setDefault()` method that used to set wrongly typed time-stamp component.
- Fix to IPv6 address handling to prevent system from crashing whilst running Python3.
- Fix to SNMPv2 exception objects translation into SNMPv1 PDU and NEXT OIDs calculation.
- Fix to `MibTree` class to properly report `noSuchObject` & `noSuchInstance` SNMP special values.
- Fix to `libsmi2pysnmp` tool to make it working again in Python < 2.7
- Fix to exception handling at `decodeMessageVersion()` caller to prevent ASN.1 parsing errors crashing the whole app.
- Fix to `GenericTrap` type processing at `rfc2576:v1Tov2c()` which used to crash the whole SNMP engine.
- Fix to [possibly uninizilaized] `pyasn1` objects printouts at `MibInstrumController.__indexMib()`
- Fix to `maxSizeResponseScopedPDU` calculation at `rfc3414/service.py`.
- Dedicated 'withmib' example set is obsolete and removed.
- Another SNMP proxy example app added (`1to3.py`).
- Fix to MIB modules loading code to make it using `__import__()` properly. This also makes `pysnmp` working again with Python 3.3rc0.
- Typo fix to `snmpInASNParseErrs` MIB instance object.
- Typo fix to `errind.EngineIdMismatch` class and its instance.

- Oneliner CommandGenerator can now limit the number of SNMP table rows returned by nextCmd()/bulkCmd() methods.
- Oneliner CommunityData configuration object can now be initialized with community name only, security name will be chosen automatically.
- Oneliner LCD configuration routines reworked towards clarity. The side-effect of this change is that repetitive oneliner call with the same securityName and different configuration options will only honor the first settings. Previous implementation would override older settings.
- Transport dispatcher now provides its own time expressed in fractions of second. SNMP engine uses this notion of time for handling requests timeout to make packet flow time bound to async I/O core operations rather than to real time.
- The libsmi2pysnmp tool improved to handle incomplete SMI v1->v2 conversion performed by smidump. The remaining core SMIv1 modules excluded from the core MIB set.
- The pyasn1 constraint and enumeration objects put into ASN1-\* MIB modules what appears to be more in-line with SMI. Existing MIB modules as well as libsmi2pysnmp tool corrected accordingly.
- SMIv1 MIB modules (including RFC1155 and RFC1213) were moved to pysnmp-mibs as pysnmp is SMIv2-based.
- The MibBuilder.importSymbols() now takes optional kwargs and push them into MIB modules globals(). This is to facilitate passing user information, such as DB connection handler, to MIB module namespace so it could be used by ManagedObjects implementations.
- When running on Python3, SMI will re-raise exceptions with the original traceback for easier diagnostics.
- Out of PYTHONPATH MIB paths now supported.
- Added pyasn1 decoder failures diagnostics in debug mode.
- Fix to non-MT-safe class attributes at SNMPv3 MP & SEC modules.
- Fix to ContextName handling in bytes form whilst running Python3. Data mismatch error would return otherwise.
- Fix to SNMPv3 MP peer engine ID discovery not to learn and use user-specified ContextEngineId.
- Fix to socket.error processing at Py3 on Windows.
- Fix to oneliner GETNEXT/GETBULK implementation to properly support ignoreNonIncreasingOIDs option.
- Fix to setEndOfMibError()/setNoSuchInstanceError() at v1 PDU not to loose errorIndex.
- Fix to api.v2c.getVarBindTable() to ignore possible non-rectangular GETBULK response tables.
- Fix to oneliner getnext/getbulk response table rectangulation procedure to gracefully handle an empty column condition.
- Fix to legacy MibBuilder.getMibPath() to prevent it from missing .egg-based components in path.
- Fix to oneliner configuration routine that used to implicitly

tag SNMPv1/v2c auth and transport LCD rows what resulted in huge delays when processing incoming messages with large number of peers configured.

- Fix to UDP6 transport handling at rfc2576 security module.
- Fix to SnmpEngineID value autogeneration (used to fail on Mac).
- SNMPv2-SMI.ObjectType.\_\_repr\_\_() fixed to do a repr() on its components.
- All SNMPv2-SMI.MibNode-based objects, once exported to a mibBuilder, will carry an embedded label symbol.
- Explicit repr() calls replaced with '%r'
- Fix to error processing at GETNEXT & GETBULK apps response handlers.
- Fix to libsmi2pysnmp to make it supporting long (256+) list of function params.
- Fix to libsmi2pysnmp to support inheritance of MIB types.

Revision 4.2.1, released 2011-11-07

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- Support string OIDs at one-liner API.
- Code quality of libsmi2pysnmp tool improved, MIBs re-built.
- SNMP-PROXY-MIB & SNMP-USER-BASED-SM-3DES-MIB added
- v1arch bulkgen.py example added
- Major overhaul for Python 2.4 -- 3.2 compatibility:

- + get rid of old-style types
- + drop string module usage
- + switch to rich comparison
- + drop explicit long integer type use
- + map()/filter() replaced with list comprehension
- + apply() replaced with var-args
- + dictionary operations made 2K/3K compatible
- + division operator made 2K/3K compatible
- + sorting function now operates on key
- + iterators returned by some funcs in py3k converted to lists
- + exception syntax made 2K/3K compatible
- + tuple function arguments resolved to scalars to become py3k compatible
- + BER octetstream is now of type bytes (Py3k) or still string (Py2k)

Revision 4.1.16d, released 2011-09-22

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- Fix to SNMPv1 Trap PDU agentAddress setter shortcut method.

Revision 4.1.16c, released 2011-08-14

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- Missing module import fixed in privacy subsystem

Revision 4.1.16b, released 2011-08-13

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- Oneliner CommandGenerator can now optionally ignore non-increasing OIDs.
  - Default CommandResponder now skips non-compliant (Counter64) values when responding to a v1 Manager.
  - Fix to state information handling at CommandResponder app.
  - Fix to Twisted reactor shutdown condition.
  - Fix to distutils dependencies syntax.

Revision 4.1.16a, released 2011-03-17

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- Extended Security Options (3DESEDE, AES192, AES256) privacy protocols implemented.
- The error-indication codes moved from literals to objects for reliability and clarity
- Fix to v1.TrapPDUAPI.getVarBinds() to address PDU component at the right position.
- Fix to rfc1902.Bits initialization from named bits sequence.
- Fix to MIB builder by-extension module filtering code to cope with .pyw files.
- Internal caches structure improved.
- Sync versions of oneliner apps split off async implementation for clarity.
- Randomize initial in various numeric sequences.
- MsgAndPduDsp expectResponse parameters passing reworked.
- GetNext/GetBulk response processing logic moved to getNextVarBinds()
- Changes towards performance improvement:
  - + all dict.has\_key() & dict.get() invocations replaced with modern syntax (this breaks compatibility with Python 2.1 and older).
  - + introduce the MibInstrumControlle.readVarsFast() method (which skips the "testing" phase of MIB value readin) for dealing with internal configuration (LCD).
  - + default debug.logger is now just a zero value instead of an object what saves big on frequent calls
  - + SNMPv2-SMI columnar indices <-> index values conversion code optimized.
  - + pre-compute and re-use some of ASN.1 structures.
  - + avoid setting PDU defaults to save on unnecessary initialization.
  - + skip ASN.1 types verification where possible.
  - + at oneliner Command Generator, avoid looking up pure OID arguments at MIB as it's pointless but takes time.
  - + cache MIB columnar objects instance ID <-> symbolic index representation mapping

Revision 4.1.15a, released 2010-12-13

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- SNMP Proxy example added.



- End-of-MIB condition detection reworked what caused backward incompatibility at v1arch GETNEXT API. Previous pysnmp versions used value = None in var-binds as returned by getVarBindTable() API method. This version uses rfc1905 exception values (v2c/v3) or pyasn1 Null (v1).
- Built-in GETNEXT/GETBULK apps now do not require user to track end-of-mib conditions anymore -- this is now done automatically.
- CommandResponder API now supports async mode of operation.
- SNMP exception values now exported from rfc1905 module, and made pretty printable.
- Lexicographic walking mode is now supported at oneliner CommandGenerator.
- ContextEngineId&ContextName parameters passing implemented at v3arch oneliner API.
- Multiple instances of the same transport domain now supported.
- Initial snmpEngineId value generation improved not to accidentally collide within an administrative domain.
- MibTableColumn instances now build value-to-column-instance map to speedup by-value search.
- SNMPv2-CONF::AgentCapabilities macro implemented.
- The libsmi2pysnmp tool handles some more MACROS.
- Void access control module implemented to let apps disabling [default] VACM.
- Allow standard SNMP apps to choose access control method to use.
- Twisted-based CommandResponder example added.
- Fix/rework of Twisted GETNEXT/BULK CommandGenerator callback API to make it simpler and uniform with other CommandGenerators
- Fix to SNMPv3 security module to store peer SNMP engine timeline only if taken from an authenticated message. Prior to this fix SNMP engine was not been protected from spoofing.
- Fix to \$SMIPATH initialization at build-pysnmp-mib.
- Fix to maxSizeResponseScopedPDU calculation.
- Fix to Next/Bulk CommandGenerators to catch a non-increasing OID error condition (what prevents looping).
- Fix to Opaque value tagging at rfc1155.Opaque type.
- Fix to handle (fail gracefully) zero-length user password.
- Fix to SNMP error propagation at Twisted driver (SF tracker ID #3054505).
- Fix to Agent-role snmpEngineId discovery procedure that allows authenticated ReportPDU generation.
- Fix to SNMPv1 PDU handling at CommandResponder & NotificationReceiver apps.
- Fix to CommandResponder app to skip Counter64 SMI values when responding to SNMPv1 Manager.
- Fix to protocol translator code (rfc2576) to handle Counter64 type in v2c-to-v1 PDU translation.
- Fix to non-response var-binds translation in rfc2576.v2ToV1().
- Fix to wrong exceptions used in pysnmp/entity modules.
- Fix to noauth/nopriv security module so that it would not crash SNMP engine if called accidentally.
- Fix to CommandResponder not to return out-of-range errorIndex along

with genErr

- Fix to GETBULK CommandResponder to do a by-column MIB walk, not by-row.
- Fix to getVarBindTable() API function logic.
- Fix to example Manager scripts to use errorIndex when available.
- Fix to dummy encryptData()/decryptData() API
- Fix to oneliner GETBULK table collection code to make it stripping uneven rows off table tail.

Revision 4.1.14a, released 2010-07-15

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- Fix to maxSizeResponseScopedPDU calculation at USM security module: now more precise and robust against screwed values on input.
- Fix to MIB loading logic that used to load same-name modules at distinct search paths on each loadModules() call.
- Fix to AsynsockDispatcher.runDispatcher() to make use of optional non-default select() timeout value.
- AbstractTransportDispatcher now allows user application registering multiple timer callbacks each with dedicated call period.
- Asynsock mainloop default idle period reduced to 0.5 sec for better timer resolution.
- Fix to SNMPv1->SNMPv2c error status handling at proxy module. This defect may have caused an infinite loop on a multiple var-bind SNMPv1 GetNext operation.
- Fix to contextName processing at config.addV1System -- typo rendered passed contextName not committed into LCD.
- Fix to unknown ContextName exception handling at CommandResponder App.
- config.addVacmUser() now accepts an optional contextName what makes it usable for configuring multiple contextName-bound bases of Managed Objects to SnmpEngine.
- MP pending states cache management re-worked so that SNMP engine will now handle an unlimited number of pending request/responses.
- Fix to SNMP discovery procedure: include ContentName in SNMP discovery messaging.
- Many fixes to AES crypto code that makes it actually working.
- Fix to SNMPv2-SMI createUndo operations.
- Fix to INFORM sending error handling at oneliner.
- Fix to mismatched response PDU handling at CommandGenerator application.
- Debug category 'app' (for Application) added to facilitate Standard SNMP Applications debugging.
- The retryCount semantic of CommandGenerator application changed to include sole retries and do not include initial request. Thus, retryCount=1 will now send up to two packets, not just one as it used to be.
- Debugging printout now escapes non-printable characters.

Revision 4.1.13a, released 2010-02-09

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- UDP over IPv6 transport implemented.
- Fix to MIB tree walking code that used to fail on table columns where indices have identical leading parts.
- SNMPv1/v2c snmpCommunityTransportTag-based incoming message filtering implemented (rfc2576).

Revision 4.1.12a, released 2009-12-03

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- API versioning retired (pysnmp.v4 -> pysnmp).
- MIB loading mechanics re-designed to allow ZIP import.
- MIB loader supports code objects (py[co])
- Installer now uses setuptools for package management whenever available.
- The libsmi2pysnmp tool improved to build constraints of more than 256 items (Python has a limit on the number of function params).
- Missing SNMPTrap PDU API implemented at proto.api.v2c, RFC2576 proxy code reworked.
- Fix to sysUpTime OID at SNMPv2 TRAP PDU.

Revision 4.1.11a, released 2009-08-21

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- Twisted integration implemented.
- Attempt to use hashlib whenever available.
- Fix to oneliner Manager code on < Python 2.4.
- Let NotificationReceiver and CommandResponder Apps browsing request details (transport information at the moment) at SNMP engine.
- Fix to config.addV1System() to allow multiple systems to co-exist in LCD.
- Fix to wrongly succeeding user-parameters-by-community-name searching code in rfc2576 processIncomingMsg() method.
- Do sanity checking on PYSNMP\_MODULE\_ID, Groups and Notifications in libsmi2pysnmp (SF bug #2122489).
- Fix to oneliner Notification Originator that sometimes used to send multiple requests at once.
- Oneliners LCD names generation code reworked to avoid accidental clashes.
- Fix and re-work of sysUpTime value management in LCD.
- Fix to pending inform request data caching in mpm/rfc2576.py -- previous code led to cache data corruption on multiple outstanding requests.
- In SMI configuration wrapper functions, catch access to non-configured entries and raise an exception.
- Allow multiple callback timer functions in all transport dispatchers.
- Fix to libsmi2pysnmp code to preserve more underscored object names and to guess the right type between indistinguishable ObjectGroup & NotificationGroup
- Fix to MibScalarInstance value setting logic - previous code failed when modifying the same OID multiple times within a single SET operation.
- Minor usability improvements to tools/build-pysnmp-mib.
- Made MIB objects unexport feature operational.

Revision 4.1.10a, released 2008-05-25

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- Internal MIB indexing method `__indexMib()` unmangled to facilitate setting up mutex there for sharing MIB stuff between threads.
- Fixed broken `IpAddress` value handling in SET operation.
- Broken `MibBuilder.unloadModules()` method now works.
- Use `getLabel()` SMI object method when building MIB tree (in `builder.py`) in addition to direct attribute access for clearer object protocol.
- The MIB building tools updated to match significantly improved `smidump` tool (`libsmi` version > 0.4.5).
- Made `libsmi2pysnmp` tool optionally building MIB text fields into `pysnmp` MIB code (enabled by default) and `MibBuilder` conditionally loading them up (disabled by default).
- `SnmpEngine` and `MsgAndPduDispatcher` constructors now optionally take `msgAndPduDspr` and `mibInstrumController` class instances respectively to facilitate these objects sharing within a process.
- Unique integers, for various parts of the system, are now generated by a `nextid.py` module. This fixes possible issues with duplicate request IDs and handlers.
- Built-in MIBs re-generated to include text fields.

Revision 4.1.9a, released 2007-11-28

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- UNSTABLE ALPHA RELEASE.
- At `onliner CommandGenerator`, close transport on destruction to prevent socket leak. Implicit async transports registration at default `asyncore`'s socket map has been disabled to avoid side effects.
- Fix to `rfc2576.v1ToV2c()` PDU converter to perform `noSuchName` error code translation.
- Fixes to Notification PDU conversion code at `rfc2576` in part of `snmpTrapOID` handling.
- Fix to `nonRepeaters` object use as sequence slicer (must be int) at `cmdrsp.CommandResponderApplication`
- Make `AsynsockDispatcher` using its own socket map by default for threading safety. This will break `asyncore` apps that rely on `pysnmp` sharing the same socket map with them. A solution would be to either set `asyncore` map to `pysnmp` (`AsynsockDispatcher.setSocketMap()`) or pass `pysnmp` map (`AsynsockDispatcher.getSocketMap()`) to `asyncore`.
- Fix to response timeout roundup bug at `CommandGenerator` and `NotificationOriginator` code.
- Oneline configuration classes made hashable to prevent memory leaks when committing them into `CommandGenerator/NotificationOriginator` internal repository.
- Security information is now released properly in all MP modules.

- This might fix a significant memory leak.
- Typo fix to rfc3411 confirmed class PDU members.

Revision 4.1.8a, released 2007-08-14

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- UNSTABLE ALPHA RELEASE.
- SMI/dispatcher timeout conversion multiplier is actually 100 (1/100 sec) rather than 1/1000. This fix affects timeouts specified through SMI.
- `__repr__()` implemented for `UdpTransportTarget`, `CommunityData`, `UsmUserData` in oneliner module.
- Automatically initialize table index values on table management operations (SF bug ID #1671989).
- Fix to carrier code: ignore BADFD socket error as it may happen upon FD closure on n-1 `select()` event.
- Fix to `MibBuilder.setMibPath()` to preserve previously loaded modules intact. Otherwise `loadModules()` called after `setMibPath()` might fail with 'MIB file not found in search path' exception.
- Fix to oneliner classes that now invoke unconfiguration methods on destruction. This might have caused memory leaks.
- Automatically initialize `SNMP-USER-BASED-SM-MIB::UsmUserSecurityName` columnar object instance on creation, as stated in DESCRIPTION (SF tracker ID #1620392).
- Fix to USM timeframe arithmetics (SF bug #1649032).
- VACM shortcuts merged into universal `add/delVacmUser()` to let notifications and requests to co-exist for the same user.
- At oneliners, build LCD tables keys from a hashed mix of input parameters to make sure these automatic entries won't interfere or exceed constraints on keys values.
- Made use of `notificationType` parameter of the `sendNotification` method in `NotificationOriginator` applications. This parameter used to be ignored in the past. Note, that previously used (and ignored) syntax has been changed in an incompatible way.
- Allow plain Python values in `setCmd()` and `sendNotification()` methods in `CommandGenerator` and `NotificationOriginator` applications respectively.
- Multi-target oneliner API-based example script added.
- Ignore more socket errors in datagram-type async socket code.
- AES cipher now supported (rfc3826).
- Fix to messed up tagIDs of `noSuchInstance` and `noSuchObject` types.
- SET Command Responder fixed to obscure access to non-existing variables by returning `notWritable` error (SF bug #1764839).
- `AsynsockDispatcher.setSocketMap()` method added to facilitate pysnmp transport integration into third-party asyncore-based applications.
- Fix to `errorIndex` generation at `CommandResponder` application, the value should be a one-based.

Revision 4.1.7a, released 2007-02-19

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- UNSTABLE ALPHA RELEASE.
  - Low-level debugging facility implemented.
  - Support `UdpTransportTarget` timeout and retries parameters in oneliner API.
  - Fix to `snmpTrapOID` construction at `...proxy.rfc2576.v1ToV2()` function.
  - Fix to `MibViewController.getNodeName()` to take MIB module name into account (SF bug #1505847).
  - Do explicit check for `Counter32`, `Unsigned32`, `TimeTicks`, `Counter64` value types in `MibTableRow` index conversion and in `TextualConvention.prettyPrint()` methods (SF bug #1506341). Handle Bits in indices as RFC2578 suggests.
  - Apply read-create column status to `libsmi2pysnmp`-generated code whenever MIB text specifies that (SF bug #1508955).
  - Honor and apply `DISPLAY-HINT` specification when building `TextualConvention` class at `libsmi2pysnmp`.
  - Managed Objects Instances files (`smi/mibs/instances/`) are now double-underscore prefixed to make them imported explicitly by these prefixed names. They used to be imported as a side-effect of Managed Objects files import what is way too hackerish.
  - The `libsmi2pysnmp` now supports future `libsmi` bugfix that would generate "ranges" subtree along with the legacy and ambiguous "range" one.
  - SMI support for fixed-length string indices implemented (SF bug #1584799, #1653908).
  - Managed Object Instances may now have `smiRead`, `smiWrite`, `smiCreate` methods to support specific value mangling. These methods, if present, would be invoked from SNMP [Agent] core instead of conventional `clone()` method. The reason is to separate trivial value duplication from specific Instance value mangling that may have Agent-specific side effects (such as `RowStatus`).
  - MIB table row destruction now works (SF bug #1555010).
  - LCD unconfiguration functions for oneliners implemented (SF bug #1635270).
  - `unloadModules()` and `unexportSymbols()` implemented at `MibBuilder`
  - Notification type PDU proxy code fixed to produce symmetrical conversion.
  - Various SNMP engine-internal caches expiration implemented.
  - SMI-level access control now takes effect only if AC object is passed to MIB instrumentation API.
  - LCD management code now uses generic MIB instrumentation features.
  - Fix to oneliner manager code to have individual `UdpSocketTransport` instance per each `SnmpEngine`. Multithreaded apps might fail otherwise. (SF bug ID #1586420).
  - Exclude the `PYSNMP_MODULE_ID` symbol from MIB view index, as it may get resolved into OID label instead of actual MIB object name.
  - Memory leak fixed in `indices.OidOrderedDict` implementation.
  - Fix to VACM shortcuts to let notifications and requests to co-exist for the same user otherwise.
  - Fix to `...oneliner.cmdgen.UsmUserData` to support non-default ciphers.

- USM now uses local notion of snmpEngineBoots/Time when authoritative and cached estimate otherwise. Also, a security fix applied to USM time-window verification (SF bug #1649032).
- Fix to notification objects resolution code at NotificationOriginator.sendNotification()
- Do not raise securityLevel for USM error reports that lacks user information, as these reports could never be ciphered (SF bug #1624720).
- Non-default BULK PDU params now actually applied.
- SnmpEngineID default value generation algorithmic function changed to allow multiple SNMP engines running on the same host.
- Documentation updated.
- A handful of minor fixes applied (SourceForge tracker IDs #1537592, #1537600, #1537659, #1548208, #1560939, #1563715, #1575697, #1599220, #1615077, #1615365, #1616579).

Revision 4.1.6a, released 2006-05-25

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- UNSTABLE ALPHA RELEASE.
- pysnmpUsmSecretAuthKey and pysnmpUsmSecretPrivKey length increased up to 256 octets. There seems no limit on this in RFC, though.
- A workaround for probably broken Agents: SNMPv3 Manager code defaults ContextEngineId to SecurityEngineId whenever ContextEngineId is not reported by authoritative SNMP engine on discovery.
- Use empty PDU in engine-discovery report at mpmmod/rfc3412.py.
- MibBuilder.loadModules() now fails on missing MIB files.
- MibBuilder.exportSymbols() now accepts unnamed objects (likely Managed Objects Instances)
- SNMPv2-SMI.MibScalarInstance objects now support create\*/destroy\* Management Instrumentation methods to pass Columnar Object creation and removal events. MibTableColumn class invoke these methods accordingly.
- Fix to AsynNotificationOriginator.asyncSendNotification() callback formal parameters
- Initial VACM configuration implemented according to rfc3415 Appendix 1
- tools/buildmibs.sh split-up and re-implemented as tools/build-pysnmp-mib and pysnmp-mibs/tools/rebuild-pysnmp-mibs for better usability. These and libsmi2pysnmp scripts made installable.
- Types/Notifications/Groups exportSymbols() call chunking implemented in tools/libsmi2pysnmp
- Initial values specified to pyasn1 types to comply with latest pyasn1 API.
- Documentation improved
- Minor fixes towards Python 1.5 compatibility

Revision 4.1.5a, released 2005-11-04

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- UNSTABLE ALPHA RELEASE.
- Multi-lingual SNMP Trap/Inform Applications completed; examples added

- SMI model re-designed to make a clear separation between Managed Objects and their specification (AKA Agent and Manager side)
- SNMP SET Application support completed
- Minor, though backward incompatible, changes to one-liner API
- Many bugfixes

Revision 4.1.4a, released 2005-08-16

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- UNSTABLE ALPHA RELEASE.
- SHA-based authentication fixed and privacy implemented
- ...oneliner.cmdgen.UsmUserData constructor now takes authProtocol and privProtocol parameters in a backward incompatible manner.

Revision 4.1.3a, released 2005-07-28

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- UNSTABLE ALPHA RELEASE.
- rfc3413 applications API changes (related to callback function behaviour).
- TransportDispatcher now provides "jobs" interface to clients for better control of dispatcher's execution.
- Many minor fixes.

Revision 4.1.2a, released 2005-07-12

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- UNSTABLE ALPHA RELEASE.
- Top-level application classes renamed into longer, self describing names for clarity.
- CommandResponder & NotificationOriginator applications now uses stand-alone SnmpContext for application registration.
- Many minor fixes (inspired by testing on WinXP)

Revision 4.1.1a, released 2005-06-29

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- UNSTABLE ALPHA RELEASE.
- SNMPv3 code first published
- SNMP engine and applications implemented on library level
- Major re-design towards SNMPv3-style API.

Revision 4.0.2a, released 2005-03-01

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- Adopted to slightly changed asyncore API (as shipped with python 2,4)



Revision 4.0.1a, released 2004-11-18

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- Minor bug/typo fixes, mostly in example/ scripts.

Revision 4.0.0a, released 2004-11-15

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- UNSTABLE EARLY ALPHA RELEASE.
- Major re-design and re-implementation.
- Rudimental API versioning implemented to let incompatible package branches to co-exist within the same Python installation.
- SMI framework designed and implemented. This framework provides 1) various access to MIB data 2) a way to implement custom MIB instrumentation objects. There's also a tool for building SMI classes from libsmi(3) output (smidump -f python).
- ASN.1 subtyping machinery implemented. Now dynamic ASN.1 instances subtyping and quering becomes available. Previously, this has been done through Python classes inheritance what proved to be a wrong concept.
- ASN.1 codecs framework re-designed and re-implemented aimed at a more consistent design and better performance. Highlights include abstract codec interface and serialized data caching (at encoder).
- Asn1Item constraints machinery re-implemented based on Mike C. Fletcher's design and code. Now various constrains are implemented as stand-alone objects serving interested Asn1Object derivatives through some abstract protocol (that's probably the Decorator design pattern).
- ASN.1 tagging facility re-implemented along the client-server design pattern. Besides this seems to be a more appropriate design, it allows an easier way for dynamic subtyping.

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if mibBuilder.loadTexts: snmpUsmHmacSha2MIB.setDescription("Definitions of Object Identities needed for the use of HMAC-SHA2 Authentication Protocols by SNMP's User-based Security Model. Copyright (c) 2016 IETF Trust and the persons identified as authors of the code. All rights reserved. Redistribution and use in source and binary forms, with or without modification, is permitted pursuant to, and subject to the license terms contained in, the Simplified BSD License set forth in Section 4.c of the IETF Trust's Legal Provisions Relating to IETF Documents (<http://trustee.ietf.org/license-info>).")

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## 1.292 chrony 3.4 1.e17

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## 1.293 paramiko 2.4.2

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## 1.294 gorilla-mux v1.6.1

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## 1.295 urllib3 1.25.8

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## Contributors

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\* HTTPS patch (which inspired HTTPSConnectionPool)

\* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>

\* NTLM-authenticated HTTPSConnectionPool

\* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)

\* niphlod <niphlod@gmail.com>

\* Client-verified SSL certificates for HTTPSConnectionPool

\* Response gzip and deflate encoding support

\* Better unicode support for filepost using StringIO buffers

\* btoconnor <brian@btoconnor.net>

\* Non-multipart encoding for POST requests

\* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>

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\* Bugfixes, suggestions, Requests integration

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\* Design review, bugfixes, test coverage.

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\* IPv6 url support and test coverage

\* Shivaram Lingamneni <[slingamn@cs.stanford.edu](mailto:slingamn@cs.stanford.edu)>

\* Support for explicitly closing pooled connections

\* hartator <[hartator@gmail.com](mailto:hartator@gmail.com)>

\* Corrected multipart behavior for params

\* Thomas Weischuh <[thomas@t-8ch.de](mailto:thomas@t-8ch.de)>

\* Support for TLS SNI

\* API unification of ssl\_version/cert\_reqs

\* SSL fingerprint and alternative hostname verification

\* Bugfixes in testsuite

\* Sune Kirkeby <[mig@ibofobi.dk](mailto:mig@ibofobi.dk)>

\* Optional SNI-support for Python 2 via PyOpenSSL.

\* Marc Schlaich <[marc.schlaich@gmail.com](mailto:marc.schlaich@gmail.com)>

\* Various bugfixes and test improvements.

\* Bryce Boe <[bbzbryce@gmail.com](mailto:bbzbryce@gmail.com)>

\* Correct six.moves conflict

\* Fixed pickle support of some exceptions

\* Boris Figovsky <[boris.figovsky@ravellosystems.com](mailto:boris.figovsky@ravellosystems.com)>

\* Allowed to skip SSL hostname verification

\* Cory Benfield <<https://lukasa.co.uk/about/>>

\* Stream method for Response objects.

\* Return native strings in header values.

\* Generate 'Host' header when using proxies.

- \* Jason Robinson <jaywink@basshero.org>
- \* Add missing WrappedSocket.fileno method in PyOpenSSL
  
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
- \* Fixed a race condition
  
- \* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
- \* Added HTTPS (CONNECT) proxy support
  
- \* Stephen Holsapple <sholsapp@gmail.com>
- \* Added abstraction for granular control of request fields
  
- \* Martin von Gagern <Martin.vGagern@gmx.net>
- \* Support for non-ASCII header parameters
  
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
- \* Support for separate connect and request timeouts
  
- \* Peter Waller <p@pwaller.net>
- \* HTTPResponse.tell() for determining amount received over the wire
  
- \* Nipunn Koorapati <nipunn1313@gmail.com>
- \* Ignore default ports when comparing hosts for equality
  
- \* Danilo @dbrgn <https://dbrgn.ch/>
- \* Disabled TLS compression by default on Python 3.2+
- \* Disabled TLS compression in pyopenssl contrib module
- \* Configurable cipher suites in pyopenssl contrib module
  
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
- \* Account retries on proxy errors
  
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
- \* Use the platform-specific CA certificate locations
  
- \* Josh Schneier <https://github.com/jschneier>
- \* HTTPHeaderDict and associated tests and docs
- \* Bugfixes, docs, test coverage
  
- \* Tahia Khan <http://tahia.tk/>
- \* Added Timeout examples in docs
  
- \* Arthur Grunseid <https://grunseid.com>
- \* source\_address support and tests (with https://github.com/bui)
  
- \* Ian Cordasco <graffatcolmingov@gmail.com>
- \* PEP8 Compliance and Linting
- \* Add ability to pass socket options to an HTTP Connection



- \* Erik Tollerud <erik.tollerud@gmail.com>
- \* Support for standard library io module.
  
- \* Krishna Prasad <kprasad.iitd@gmail.com>
- \* Google App Engine documentation
  
- \* Aaron Meurer <asmeurer@gmail.com>
- \* Added Url.url, which unparses a Url
  
- \* Evgeny Kapun <abacabadabacaba@gmail.com>
- \* Bugfixes
  
- \* Benjamin Meyer <bm\_witness@yahoo.com>
- \* Security Warning Documentation update for proper capture
  
- \* Shivan Sornarajah <github@sornars.com>
- \* Support for using ConnectionPool and PoolManager as context managers.
  
- \* Alex Gaynor <alex.gaynor@gmail.com>
- \* Updates to the default SSL configuration
  
- \* Tomas Tomecek <ttomecek@redhat.com>
- \* Implemented generator for getting chunks from chunked responses.
  
- \* tlynn <https://github.com/tlynn>
- \* Respect the warning preferences at import.
  
- \* David D. Riddle <ddriddle@illinois.edu>
- \* IPv6 bugfixes in testsuite
  
- \* Thea Flowers <magicalgirl@google.com>
- \* App Engine environment tests.
- \* Documentation re-write.
  
- \* John Krauss <https://github.com/talos>
- \* Clues to debugging problems with `cryptography` dependency in docs
  
- \* Disassem <https://github.com/Disassem>
- \* Fix pool-default headers not applying for url-encoded requests like GET.
  
- \* James Atherfold <jlatherfold@hotmail.com>
- \* Bugfixes relating to cleanup of connections during errors.
  
- \* Christian Pedersen <https://github.com/chripede>
- \* IPv6 HTTPS proxy bugfix
  
- \* Jordan Moldow <https://github.com/jmoldow>

- \* Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
- \* Bugfix for ``ConnectionPool.urlopen(release\_conn=False)``.
- \* Creation of ``HTTPConnectionPool.ResponseCls``.
  
- \* Predrag Gruevski <<https://github.com/obi1kenobi>>
- \* Made cert digest comparison use a constant-time algorithm.
  
- \* Adam Talsma <<https://github.com/a-tal>>
- \* Bugfix to ca\_cert file paths.
  
- \* Evan Meagher <<https://evanmeagher.net>>
- \* Bugfix related to `memoryview` usage in PyOpenSSL adapter
  
- \* John Vandenberg <[jayvdb@gmail.com](mailto:jayvdb@gmail.com)>
- \* Python 2.6 fixes; pyflakes and pep8 compliance
  
- \* Andy Caldwell <[andy.m.caldwell@gmail.com](mailto:andy.m.caldwell@gmail.com)>
- \* Bugfix related to reusing connections in indeterminate states.
  
- \* Ville Skytt <[ville.skytta@iki.fi](mailto:ville.skytta@iki.fi)>
- \* Logging efficiency improvements, spelling fixes, Travis config.
  
- \* Shige Takeda <[smtakeda@gmail.com](mailto:smtakeda@gmail.com)>
- \* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
  
- \* Jess Shapiro <[jesse@jesseshapiro.net](mailto:jesse@jesseshapiro.net)>
- \* Various character-encoding fixes/tweaks
- \* Disabling IPv6 DNS when IPv6 connections not supported
  
- \* David Foster <<http://dafoster.net/>>
- \* Ensure order of request and response headers are preserved.
  
- \* Jeremy Cline <[jeremy@jcline.org](mailto:jeremy@jcline.org)>
- \* Added connection pool keys by scheme
  
- \* Aviv Palivoda <[palaviv@gmail.com](mailto:palaviv@gmail.com)>
- \* History list to Retry object.
- \* HTTPResponse contains the last Retry object.
  
- \* Nate Prewitt <[nate.prewitt@gmail.com](mailto:nate.prewitt@gmail.com)>
- \* Ensure timeouts are not booleans and greater than zero.
- \* Fixed infinite loop in ``stream`` when amt=None.
- \* Added length\_remaining to determine remaining data to be read.
- \* Added enforce\_content\_length to raise exception when incorrect content-length received.
  
- \* Seth Michael Larson <[sethmichaellarson@protonmail.com](mailto:sethmichaellarson@protonmail.com)>
- \* Created selectors backport that supports PEP 475.

- \* Alexandre Dias <alex.dias@smarkets.com>
- \* Don't retry on timeout if method not in whitelist
  
- \* Moinuddin Quadri <moin18@gmail.com>
- \* Lazily load idna package
  
- \* Tom White <s6yg1ez3@mail2tor.com>
- \* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.
  
- \* Tim Burke <tim.burke@gmail.com>
- \* Stop buffering entire deflate-encoded responses.
  
- \* Tuukka Mustonen <tuukka.mustonen@gmail.com>
- \* Add counter for status\_forcelist retries.
  
- \* Erik Rose <erik@mozilla.com>
- \* Bugfix to pyopenssl vendoring
  
- \* Wolfgang Richter <wolfgang.richter@gmail.com>
- \* Bugfix related to loading full certificate chains with PyOpenSSL backend.
  
- \* Mike Miller <github@mikeage.net>
- \* Logging improvements to include the HTTP(S) port when opening a new connection
  
- \* Ioannis Tziakos <mail@itziakos.gr>
- \* Fix ``util.selectors.\_fileobj\_to\_fd`` to accept ``long``.
- \* Update appveyor tox setup to use the 64bit python.
  
- \* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
- \* Ongoing maintenance; 2017-2018
  
- \* Dominique Leuenberger <dimstar@opensuse.org>
- \* Minor fixes in the test suite
  
- \* Will Bond <will@wbond.net>
- \* Add Python 2.6 support to ``contrib.securetransport``
  
- \* Aleksei Alekseev <alekseev.yeskela@gmail.com>
- \* using auth info for socks proxy
  
- \* Chris Wilcox <git@crwilcox.com>
- \* Improve contribution guide
- \* Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior
  
- \* Bruce Merry <https://www.brucemerry.org.za>
- \* Fix leaking exceptions when system calls are interrupted with zero timeout
  
- \* Hugo van Kemenade <https://github.com/hugovk>

- \* Drop support for EOL Python 2.6
- \* Tim Bell <<https://github.com/timb07>>
  - \* Bugfix for responses with Content-Type: message/\* logging warnings
- \* Justin Bramley <<https://github.com/jbramleycl>>
  - \* Add ability to handle multiple Content-Encodings
- \* Katsuhiko YOSHIDA <<https://github.com/kyoshidajp>>
  - \* Remove Authorization header regardless of case when redirecting to cross-site
- \* James Meickle <<https://permadeath.com/>>
  - \* Improve handling of Retry-After header
- \* Chris Jerdonek <[chris.jerdonek@gmail.com](mailto:chris.jerdonek@gmail.com)>
  - \* Remove a spurious TypeError from the exception chain inside HTTPConnectionPool.\_make\_request(), also for BaseExceptions.
- \* [Your name or handle] <[email or website]>
  - \* [Brief summary of your changes]

# 1.296 ntp 4.2.6p5 29.el7.centos

## 1.296.1 Available under license :

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
```

```
<html>
```

```
<head>
```

```
<meta http-equiv="content-type" content="text/html; charset=iso-8859-1">
```

```
<title>Copyright Notice</title>
```

```
<link href="scripts/style.css" type="text/css" rel="stylesheet">
```

```
</head>
```

```
<body>
```

```
<h3>Copyright Notice</h3>
```

```
 "Clone me," says Dolly sheepishly.
```

```
<p>Last update:
```

```
<!-- #BeginDate format:En2m -->1-Jan-2011 08:34<!-- #EndDate -->
```

```
UTC</csobj></p>
```

```
<br clear="left">
```

```
<hr>
```

```
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```

```
<pre>
```

```

```

```

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```

</pre>

<p>The following individuals contributed in part to the Network Time Protocol Distribution Version 4 and are acknowledged as authors of this work.</p>

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<li class="inline"><a href="mailto:%20karl@owl.HQ.ileaf.com">Karl Berry <karl@owl.HQ.ileaf.com></a> syslog to file option

<li class="inline"><a href="mailto:%20greg.brackley@bigfoot.com">Greg Brackley <greg.brackley@bigfoot.com></a> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.

<li class="inline"><a href="mailto:%20Marc.Brett@westgeo.com">Marc Brett <Marc.Brett@westgeo.com></a> Magnavox GPS clock driver

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[Sven Dietrich](mailto:%20Sven_Dietrich@trimble.COM) <sven\_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.

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- <li class="inline"><a href="mailto:%20wsanchez@apple.com">Wilfredo S&acute;nchez <wsanchez@apple.com> added support for NetInfo

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- <li class="inline"><a href="mailto:%20jack@innovativeinternet.com">Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory

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</ol>

<hr>

<script type="text/javascript" language="javascript" src="scripts/footer.txt"></script>

</body>

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```
/* -*- Mode: Text -*- */
```

```
copyright = {
 date = "1970-2011";
 owner = "David L. Mills and/or others";
 eaddr = "http://bugs.ntp.org, bugs@ntp.org";
 type = note;
 text = <<<- _EndOfDoc_
 see html/copyright.html
```

```
EndOfDoc;
};
```

```
long-opts;
config-header = config.h;
environrc;
no-misuse-usage;
```

```
version = `
eval VERSION=\`sed -e 's/.*,\\[//' -e 's/\\].*//' < ../version.m4\
[-z "${VERSION}"] && echo "Cannot determine VERSION" && kill -TERM $AG_pid
echo $VERSION`;
```

version-value = "; /\* Don't use -v as a shortcut for --version \*/

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jpg "Clone me," says Dolly sheepishly.

Last update: 1-Jan-2011 08:34 UTC

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```

The following individuals contributed in part to the Network Time Protocol Distribution Version 4 and are acknowledged as authors of this work.

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2. [2]Mark Andrews <mark\_andrews@isc.org> Leitch atomic clock controller
3. [3]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
4. [4]Viraj Bais <vbais@mailman1.intel.com> and [5]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
5. [6]Michael Barone <michael,barone@lmco.com> GPSVME fixes
6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
7. [8]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver

9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
10. [11]Nelson B Bolyard <nelson@bolyard.me> update and complete broadcast and crypto features in sntp
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13. [14]Steve Clift <clift@ml.csiro.au> OMEGA clock driver
14. [15]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
15. [16]Sven Dietrich <sven\_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.
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32. [35]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
33. [36]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
34. [37]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
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36. [39]David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG



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  41. [44]Derek Mulcahy <derek@toybox.demon.co.uk> and [45]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
  42. [46]Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
  43. [47]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
  44. [48]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
  45. [49]Wilfredo Snchez <wsanchez@apple.com> added support for NetInfo
  46. [50]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
  47. [51]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
  48. [52]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
  49. [53]Michael Shields <shields@tembel.org> USNO clock driver
  50. [54]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
  51. [55]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
  52. [56]Kenneth Stone <ken@sdd.hp.com> HP-UX port
  53. [57]Ajit Thyagarajan <ajit@ee.udel.edu>IP multicast/anycast support
  54. [58]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp>TRAK clock driver
  55. [59]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
  56. [60]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD
- 

## References

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## A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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```
-*- coding: utf-8 -*-
```

The CentOS distribution would not be possible without the hard work and dedication of a large number of talented people. It's only fair that we acknowledge the time and effort that they have put into the distribution.

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```
Special Recognition
```

One of the key reasons we got delayed on the CentOS-6 release was lack of suitable build resources, especially when we had to repeatedly build large chunks of code. Norwood S came forward and worked with me to setup a large build machine, then tune the build process and help improve the overall build, test and validate process we were using. This build

machine he donated to the project was about 5 times more capable than the entire buildsystem we had. And he did this out of his own pocket, from his own time, and has since upgraded the machine as well. It's now a 128GB, 48 core machine, with 4 SSD's and 4 sata disks : but the key metric is that it can build from source, the entire CentOS-7 distro in under 22 hrs.

Having this capability was key in our ability to build, test and deliver CentOS-7 as rapidly as we have been able to.

We'd like to dedicate the CentOS-7 Release to Mr Norwood S, of Phoenix, AZ, USA for his continued support for the project.

Contributors:

The Red Hat developers, without whom CentOS would look very different

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## 1.299 cffi 1.11.5

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## 1.300 perl-encode 2.51 7.e17

## 1.301 jquery-file-upload 9.21.0

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## 1.302 perl-time-hires 1.9725 3.el7

## 1.303 ding-libs 0.6.1 32.el7

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```
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# 1.304 perl-pod-perldoc 3.20 4.e17

## 1.305 d3interpolatemijs 1.1.0

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## 1.306 newt 0.52.15 4.e17

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## 1.307 pika 1.1.0

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```

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```
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```

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```

```
<signature of Ty Coon>, 1 April 1989
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## 1.313 tcp-wrappers 7.6 77.el7

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## 1.314 sudo 1.8.23 9.el7

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Ackeret, Matt  
Adler, Mark  
Allbery, Russ  
Anderson, Jamie  
Andrew, Nick  
Andric, Dimitry  
Barron, Danny  
Bates, Tom  
Behan, Zdenk  
Bellis, Ray  
Benali, Elias  
Beverly, Jamie  
Boardman, Spider

Bostley, P.J.  
Bowes, Keith  
Boyce, Keith Garry  
Brantley, Michael  
Braun, Rob  
Bezina, Pavel  
Brooks, Piete  
Brown, Jerry  
Burr, Michael E  
Burton, Ross  
Bussjaeger, Andreas  
Calvin, Gary  
Campbell, Aaron  
Chazelas, Stephane  
ek, Vtzslav  
Coleman, Chris  
Corzine, Deven T.  
Cusack, Frank  
Dai, Wei  
Dill, David  
Earickson, Jeff  
Eckhardt, Drew  
Edgington, Ben  
Esipovich, Marc  
Espie, Marc  
Faigon, Ariel  
Farrell, Brian  
Fobes, Steve  
Frysinger, Mike  
G., Daniel Richard  
Gailly, Jean-loup  
Gelman, Stephen  
Gerraty, Simon J.  
Graber, Stephane  
Guillory, B.  
Hayman, Randy M.  
Henke, Joachim  
Hideaki, Yoshifuji  
Hieb, Dave  
Holloway, Nick  
Hoover, Adam  
Hunter, Michael T.  
Hutchings, Ben  
Irrgang, Eric  
Jackson, Brian  
Jackson, John R.  
Jackson, Richard L., Jr.  
Janssen, Mark

Jepeway, Chris  
Jorge, Joel Pele  
Juhani, Timo  
Kikuchi, Ayamura  
Kadow, Kevin  
Kasal, Stepan  
Kienenberger, Mike  
King, Dale  
King, Michael  
Klyachkin, Andrey  
Knoble, Jim  
Knox, Tim  
Komarnitsky, Alek O.  
Kondrashov, Nikolai  
Kopeek, Daniel  
Kranenburg, Paul  
Krause, David  
Lakin, Eric  
Larsen, Case  
Levin, Dmitry V.  
Libby, Kendall  
Lobbes, Phillip E.  
McIntyre, Jason  
MacKenzie, David J.  
McLaughlin, Tom  
Makey, Jeff  
Marchionna, Michael D.  
Markham, Paul  
Martinian, Emin  
Meskes, Michael  
Michael, David  
Miller, Todd C.  
Minier, Loc  
Moffat, Darren  
Moldung, Jan Thomas  
Morris, Charles  
Mueller, Andreas  
Mller, Dworkin  
Nieusma, Jeff  
Nikitser, Peter A.  
Nussel, Ludwig  
Ouellet, Jean-Philippe  
Paquet, Eric  
Paradis, Chantal  
Percival, Ted  
Perera, Andres  
Peron, Christian S.J.  
Peschel, Aaron

Peslyak, Alexander  
Peterson, Toby  
Petten, Diego Elio  
Pickett, Joel  
Plotnick, Alex  
de Raadt, Theo  
Rasch, Gudleik  
Reid, Steve  
Richards, Matt  
Rossum, Guido van  
Rouillard, John P.  
Rowe, William A., Jr.  
Roy, Alain  
Ruusame, Elan  
Ryabinkin, Eygene  
Sato, Yuichi  
Snchez, Wilfredo  
Saucier, Jean-Francois  
Schoenfeld, Patrick  
Schuring, Arno  
Schwarze, Ingo  
Scott, Dougal  
Sieger, Nick  
Simon, Thor Lancelot  
Slemko, Marc  
Smith, Andy  
Sobrado, Igor  
Soulen, Steven  
Spangler, Aaron  
Spradling, Cloyce D.  
Stier, Matthew  
Stoeckmann, Tobias  
Street, Russell  
Stritzky, Tilo  
Stroucken, Michael  
Tarrall, Robert  
Thomas, Matthew  
Todd, Giles  
Toft, Martin  
Torek, Chris  
Tucker, Darren  
Uhl, Robert  
Uzel, Petr  
Valery, Reznic  
Van Dinter, Theo  
Venckus, Martynas  
de Vries, Maarten  
Wagner, Klaus

Walsh, Dan  
Warburton, John  
Webb, Kirk  
Wetzel, Timm  
Wieringen, Marco van  
Wilk, Jakub  
Winiger, Gary  
Wood, David  
Zacarias, Gustavo  
Zolnowsky, John

The following people have worked to translate sudo into other languages:

Blttermann, Mario  
Bogusz, Jakub  
Buo-ren, Lin  
Casagrande, Milo  
Castro, Felipe  
Cho, Seong-ho  
Chornoivan, Yuri  
Diguez, Francisco  
Fontenelle, Rafael  
Garca-Fontes, Walter  
Gezer, Volkan  
Hamasaki, Takeshi  
Hamming, Peter  
Hansen, Joe  
Hantrais, Frdric  
Hein, Jochen  
Hufthammer, Karl Ove  
Jerovek, Damir  
Karvonen, Jorma  
Kazik, Duan  
Kelemen, Gbor  
Keeci, Mehmet  
Koir, Klemen  
Kozlov, Yuri  
Kramer, Jakob  
Krznar, Tomislav  
Marchal, Frdric  
Margeviius, Algimantas  
Maryanov, Pavel  
Nikoli, Miroslav  
Nylander, Daniel  
Psa, Petr  
Putanec, Boidar  
Qun, Trn Ngc

Rasmussen, Sebastian  
Regueiro, Leandro  
Sarar, zgr  
Sendn, Abel  
Sikrom, ka  
Spingos, Dimitris  
Taniguchi, Yasuaki  
Tomat, Fbio  
r, Balzs  
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```
/* lib/font/fontfile/gunzip.c
```

```
written by Mark Eichin <eichin@kitten.gen.ma.us> September 1996.
```

```
intended for inclusion in X11 public releases. */
```

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## 1.320 readline 6.2 11.el7

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```
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```

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-----

Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

University of Cambridge Computing Service,  
Cambridge, England.

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#### PCRE JUST-IN-TIME COMPILATION SUPPORT

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Email local part: hzmester  
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## THE BASIC LIBRARY FUNCTIONS

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[Tcl/Tk]

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-----  
[Misc C library code]

```
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 * WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
 */
```

-----  
[zlib]

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.3, July 18th, 2005
```

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Jean-loup Gailly     Mark Adler  
jloup@gzip.org     madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

\*/

-----  
[edoc, syntax\_tools]

```
%% =====
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%% USA
%%
%% Id
%%
%% @copyright 2001-2003 Richard Carlsson
%% @author Richard Carlsson <richardc@csd.uu.se>
%% [http://www.csd.uu.se/~richardc/]
%% @version { @vsn }
%% @end
%% =====
```

-----  
[leex]

```
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[eldap]

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## 1.323 cadvisor 0.28.3

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## 1.330 libtasn 4.10 1.e17

### 1.330.1 Available under license :

```
#!/bin/sh
Get modification time of a file or directory and pretty-print it.

scriptversion=2010-08-21.06; # UTC

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written by Ulrich Drepper <drepper@gnu.ai.mit.edu>, June 1995
```

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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## 1.333 fuse 2.9.2 11.e17

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Version 2.1, February 1999

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## 1.336 d3colorminjs 1.0.2

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## 1.338 openwsman 2.6.3 6.git4391e5c.el7\_6

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## 1.339 cpp 4.8.5 36.el7\_6.2

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```

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```

`<https://www.elastic.co/guide/en/x-pack/current/license-management.html>`_
"""
return self.transport.perform_request('DELETE', '/_xpack/license',
 params=params)

@query_params('local')
def get(self, params=None):
 """

`<https://www.elastic.co/guide/en/x-pack/current/license-management.html>`_

:arg local: Return local information, do not retrieve the state from
 master node (default: false)
 """
return self.transport.perform_request('GET', '/_xpack/license',
 params=params)

@query_params('acknowledge')
def post(self, body=None, params=None):
 """

`<https://www.elastic.co/guide/en/x-pack/current/license-management.html>`_

:arg body: licenses to be installed
:arg acknowledge: whether the user has acknowledged acknowledge messages
 (default: false)
 """
return self.transport.perform_request('PUT', '/_xpack/license',
 params=params, body=body)

```

## 1.348 xinetd 2.3.15 14.el7

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Version: 2.1.8.9pre14a

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So, if you want, you may use any 2.N.\* (N >= 3) version string for future xinetd versions that you release. Note that I am excluding the 2.2.\* line;

using that would only create confusion. Naming the next release 2.3.0 would put to rest the confusion about 2.2.1 and 2.1.8.\*.

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## 1.349 pipeline-third-party 1.0

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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## 1.350 pynacl 1.3.0

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## 1.351 olivere 5.0

## 1.352 asn1crypto 1.3.0

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# 1.353 openssh 7.4p1 21.e17

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 */
```

```
#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H
```

```
#ifndef HAVE_WAITPID
/* Clean out any potential issues */
#undef WIFEXITED
#undef WIFSTOPPED
#undef WIFSIGNALED
```

```
/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
#define WIFEXITED(w) (!((_W_INT(w)) & 0377))
#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)
#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))
#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w)) >> 8) & 0377) : -1)
#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w)) & 0177) : -1)
#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)
```

```

/* Prototype */
pid_t waitpid(int, int *, int);

#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */
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*/
/* $OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp $ */

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\*/

/\* OPENBSD ORIGINAL: sys/sys/poll.h \*/

```
#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifdef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_
```

```
typedef struct pollfd {
 int fd;
 short events;
 short revents;
} pollfd_t;
```

```
typedef unsigned int nfds_t;
```

```
#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif
```

```
#define INFTIM (-1) /* not standard */
```

```
int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */
```

```
/* =====
```

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```

```
*
```

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\* Jamie Beverly

\* Rafael D'Halleweyn - 2011-06-05 18:56:24 EDT

\* Jan-Pieter Cornet ( johnpc ) - 2012-03-23 03:25:52 PDT

\* chrysn@fsfe.org

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\*/

```
#ifndef HAVE_SETRESGID
```

```
int setresgid(gid_t, gid_t, gid_t);
```

```
#endif
```

```
#ifndef HAVE_SETRESUID
```

```
int setresuid(uid_t, uid_t, uid_t);
```

```
#endif
```

```
/* $OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp $ */
```

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*/

/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifdef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_

typedef struct pollfd {
 int fd;
 short events;
 short revents;
} pollfd_t;

typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif
#endif

```

```
#define INFTIM (-1) /* not standard */
```

```
int poll(struct pollfd *, nfd_t, int);
```

```
#endif /* !_COMPAT_POLL_H_ */
```

```
#endif /* !HAVE_POLL_H */
```

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- DES is now external, in the OpenSSL library

- GMP is no longer used, and instead we call BN code from OpenSSL

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\*  
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\*  
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\* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>  
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```
/* $Id: bsd-waitpid.h,v 1.5 2003/08/29 16:59:52 mouring Exp $ */
```

```
/*
```

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```

```
*
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```

```
*
```

```
*/
```

```
#ifndef _BSD_WAITPID_H
```

```
#define _BSD_WAITPID_H
```

```
#ifndef HAVE_WAITPID
```

```
/* Clean out any potential issues */
```

```
#undef WIFEXITED
```

```
#undef WIFSTOPPED
```

```
#undef WIFSIGNALED
```

```
/* Define required functions to mimic a POSIX look and feel */
```

```
#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
```

```
#define WIFEXITED(w) (!((_W_INT(w)) & 0377))
```

```
#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)
```

```
#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))
```

```
#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w)) >> 8) & 0377) : -1)
```

```

#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)
#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

/* Prototype */
pid_t waitpid(int, int *, int);

#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */
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```

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The 32-bit CRC compensation attack detector in deattack.c was contributed by CORE SDI S.A. under a BSD-style license.

\* Cryptographic attack detector for ssh - source code

\*

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\* @version 3.0 (December 2000)  
\*  
\* Optimised ANSI C code for the Rijndael cipher (now AES)  
\*  
\* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>  
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```

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```

$OpenBSD: LICENCE,v 1.19 2004/08/30 09:18:08 markus Exp $
diff -up openssl-7.4p1/sftp-server.8.sftp-force-mode openssl-7.4p1/sftp-server.8
--- openssl-7.4p1/sftp-server.8.sftp-force-mode 2016-12-19 05:59:41.000000000 +0100
+++ openssl-7.4p1/sftp-server.8 2017-02-09 10:35:41.926475399 +0100
@@ -38,6 +38,7 @@
.Op Fl P Ar blacklisted_requests
.Op Fl p Ar whitelisted_requests
.Op Fl u Ar umask
+.Op Fl m Ar force_file_perms
.Ek
.Nm
.Fl Q Ar protocol_feature
@@ -138,6 +139,10 @@ Sets an explicit
.Xr umask 2
to be applied to newly-created files and directories, instead of the
user's default mask.
+.It Fl m Ar force_file_perms
+Sets explicit file permissions to be applied to newly-created files instead
+of the default or client requested mode. Numeric values include:
+777, 755, 750, 666, 644, 640, etc. Option -u is ineffective if -m is set.
.El
.Pp
On some systems,
diff -up openssl-7.4p1/sftp-server.c.sftp-force-mode openssl-7.4p1/sftp-server.c
--- openssl-7.4p1/sftp-server.c.sftp-force-mode 2017-02-09 10:22:36.498019921 +0100
+++ openssl-7.4p1/sftp-server.c 2017-02-09 10:35:07.190520959 +0100
@@ -65,6 +65,10 @@ struct sshbuf *oqueue;
/* Version of client */
static u_int version;

+/* Force file permissions */
+int permforce = 0;
+long permforcemode;
+
/* SSH2_FXP_INIT received */
static int init_done;

@@ -679,6 +683,7 @@ process_open(u_int32_t id)

```

```

Attrib a;
char *name;
int r, handle, fd, flags, mode, status = SSH2_FX_FAILURE;
+ mode_t old_umask = 0;

if ((r = sshbuf_get_cstring(iqueue, &name, NULL)) != 0 ||
 (r = sshbuf_get_u32(iqueue, &pflags)) != 0 || /* portable flags */
@@ -688,6 +693,10 @@ process_open(u_int32_t id)
debug3("request %u: open flags %d", id, pflags);
flags = flags_from_portable(pflags);
mode = (a.flags & SSH2_FILEXFER_ATTR_PERMISSIONS) ? a.perm : 0666;
+ if (permforce == 1) { /* Force perm if -m is set */
+ mode = permforcemode;
+ old_umask = umask(0); /* so umask does not interfere */
+ }
logit("open \"%s\" flags %s mode 0%o",
 name, string_from_portable(pflags), mode);
if (readonly &&
@@ -709,6 +718,8 @@ process_open(u_int32_t id)
}
}
}
+ if (permforce == 1)
+ (void) umask(old_umask); /* restore umask to something sane */
if (status != SSH2_FX_OK)
 send_status(id, status);
free(name);
@@ -1490,7 +1501,7 @@ sftp_server_usage(void)
fprintf(stderr,
 "usage: %s [-ehR] [-d start_directory] [-f log_facility] "
 "[-l log_level]\n\t[-P blacklisted_requests] "
- "[-p whitelisted_requests] [-u umask]\n"
+ "[-p whitelisted_requests] [-u umask] [-m force_file_perms]\n"
 " %s -Q protocol_feature\n",
 __progname, __progname);
exit(1);
@@ -1516,7 +1527,7 @@ sftp_server_main(int argc, char **argv,
pw = pwcopyp(user_pw);

while (!skipargs && (ch = getopt(argc, argv,
- "d:f:l:P:p:Q:u:cehR")) != -1) {
+ "d:f:l:P:p:Q:u:m:cehR")) != -1) {
 switch (ch) {
 case 'Q':
 if (strcasecmp(optarg, "requests") != 0) {
@@ -1576,6 +1587,15 @@ sftp_server_main(int argc, char **argv,
 fatal("Invalid umask \"%s\"", optarg);
 (void)umask((mode_t)mask);

```

```

break;
+ case 'm':
+ /* Force permissions on file received via sftp */
+ permforce = 1;
+ permforcemode = strtol(optarg, &cp, 8);
+ if (permforcemode < 0 || permforcemode > 0777 ||
+ *cp != '\0' || (permforcemode == 0 &&
+ errno != 0))
+ fatal("Invalid file mode \"%s\"", optarg);
+ break;
case 'h':
default:
sftp_server_usage();

```

## 1.354 urllib3 1.22

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# Contributions to the urllib3 project

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## ## Contributors

In chronological order:

- \* victor.vde <<http://code.google.com/u/victor.vde/>>
  - \* HTTPS patch (which inspired HTTPSConnectionPool)
  
- \* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>
  - \* NTLM-authenticated HTTPSConnectionPool
  - \* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)
  
- \* niphlod <niphlod@gmail.com>
  - \* Client-verified SSL certificates for HTTPSConnectionPool
  - \* Response gzip and deflate encoding support
  - \* Better unicode support for filepost using StringIO buffers
  
- \* btoconnor <brian@btoconnor.net>
  - \* Non-multipart encoding for POST requests
  
- \* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>
  - \* Code review, PEP8 compliance, benchmark fix
  
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- \* georgemarshall <<http://github.com/georgemarshall>>
  - \* Bugfixes, Improvements and Test coverage
  
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  - \* Support for explicitly closing pooled connections
  
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  - \* Corrected multipart behavior for params
  
- \* Thomas Weischuh <thomas@t-8ch.de>
  - \* Support for TLS SNI
  - \* API unification of ssl\_version/cert\_reqs
  - \* SSL fingerprint and alternative hostname verification
  - \* Bugfixes in testsuite

- \* Sune Kirkeby <mig@ibofobi.dk>
- \* Optional SNI-support for Python 2 via PyOpenSSL.
  
- \* Marc Schlaich <marc.schlaich@gmail.com>
- \* Various bugfixes and test improvements.
  
- \* Bryce Boe <bbzbryce@gmail.com>
- \* Correct six.moves conflict
- \* Fixed pickle support of some exceptions
  
- \* Boris Figovsky <boris.figovsky@ravellosystems.com>
- \* Allowed to skip SSL hostname verification
  
- \* Cory Benfield <<http://lukasa.co.uk/about/>>
- \* Stream method for Response objects.
- \* Return native strings in header values.
- \* Generate 'Host' header when using proxies.
  
- \* Jason Robinson <jaywink@basshero.org>
- \* Add missing WrappedSocket.fileno method in PyOpenSSL
  
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
- \* Fixed a race condition
  
- \* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
- \* Added HTTPS (CONNECT) proxy support
  
- \* Stephen Holsapple <sholsapp@gmail.com>
- \* Added abstraction for granular control of request fields
  
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- \* Support for non-ASCII header parameters
  
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
- \* Support for separate connect and request timeouts
  
- \* Peter Waller <p@pwaller.net>
- \* HTTPResponse.tell() for determining amount received over the wire
  
- \* Nipunn Koorapati <nipunn1313@gmail.com>
- \* Ignore default ports when comparing hosts for equality
  
- \* Danilo @dbrgn <<http://dbrgn.ch/>>
- \* Disabled TLS compression by default on Python 3.2+
- \* Disabled TLS compression in pyopenssl contrib module
- \* Configurable cipher suites in pyopenssl contrib module



- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  - \* Account retries on proxy errors
  
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
  - \* Use the platform-specific CA certificate locations
  
- \* Josh Schneier <https://github.com/jschneier>
  - \* HTTPHeaderDict and associated tests and docs
  - \* Bugfixes, docs, test coverage
  
- \* Tahia Khan <http://tahia.tk/>
  - \* Added Timeout examples in docs
  
- \* Arthur Grunseid <http://grunseid.com>
  - \* source\_address support and tests (with https://github.com/bui)
  
- \* Ian Cordasco <graffatcolmingov@gmail.com>
  - \* PEP8 Compliance and Linting
  - \* Add ability to pass socket options to an HTTP Connection
  
- \* Erik Tollerud <erik.tollerud@gmail.com>
  - \* Support for standard library io module.
  
- \* Krishna Prasad <kprasad.iitd@gmail.com>
  - \* Google App Engine documentation
  
- \* Aaron Meurer <asmeurer@gmail.com>
  - \* Added Url.url, which unparses a Url
  
- \* Evgeny Kapun <abacabadabacaba@gmail.com>
  - \* Bugfixes
  
- \* Benjamin Meyer <bm\_witness@yahoo.com>
  - \* Security Warning Documentation update for proper capture
  
- \* Shivan Sornarajah <github@sornars.com>
  - \* Support for using ConnectionPool and PoolManager as context managers.
  
- \* Alex Gaynor <alex.gaynor@gmail.com>
  - \* Updates to the default SSL configuration
  
- \* Tomas Tomecek <ttomecek@redhat.com>
  - \* Implemented generator for getting chunks from chunked responses.
  
- \* tlynn <https://github.com/tlynn>
  - \* Respect the warning preferences at import.
  
- \* David D. Riddle <ddriddle@illinois.edu>

- \* IPv6 bugfixes in testsuite
  
- \* Jon Wayne Parrott <jonwayne@google.com>
- \* App Engine environment tests.
  
- \* John Krauss <https://github.com/talos>
- \* Clues to debugging problems with `cryptography` dependency in docs
  
- \* Disassem <https://github.com/Disassem>
- \* Fix pool-default headers not applying for url-encoded requests like GET.
  
- \* James Atherfold <jlatherfold@hotmail.com>
- \* Bugfixes relating to cleanup of connections during errors.
  
- \* Christian Pedersen <https://github.com/chripede>
- \* IPv6 HTTPS proxy bugfix
  
- \* Jordan Moldow <https://github.com/jmoldow>
- \* Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
- \* Bugfix for ``ConnectionPool.urlopen(release\_conn=False)``.
- \* Creation of ``HTTPConnectionPool.ResponseCls``.
  
- \* Predrag Gruevski <https://github.com/obi1kenobi>
- \* Made cert digest comparison use a constant-time algorithm.
  
- \* Adam Talsma <https://github.com/a-tal>
- \* Bugfix to ca\_cert file paths.
  
- \* Evan Meagher <https://evanmeagher.net>
- \* Bugfix related to `memoryview` usage in PyOpenSSL adapter
  
- \* John Vandenberg <jayvdb@gmail.com>
- \* Python 2.6 fixes; pyflakes and pep8 compliance
  
- \* Andy Caldwell <andy.m.caldwell@googlemail.com>
- \* Bugfix related to reusing connections in indeterminate states.
  
- \* Ville Skytt <ville.skytta@iki.fi>
- \* Logging efficiency improvements, spelling fixes, Travis config.
  
- \* Shige Takeda <smtakeda@gmail.com>
- \* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
  
- \* Jesse Shapiro <jesse@jesseshapiro.net>
- \* Various character-encoding fixes/tweaks
- \* Disabling IPv6 DNS when IPv6 connections not supported
  
- \* David Foster <http://dafoster.net/>

- \* Ensure order of request and response headers are preserved.
  
- \* Jeremy Cline <jeremy@jcline.org>
- \* Added connection pool keys by scheme
  
- \* Aviv Palivoda <palaviv@gmail.com>
- \* History list to Retry object.
- \* HTTPResponse contains the last Retry object.
  
- \* Nate Prewitt <nate.prewitt@gmail.com>
- \* Ensure timeouts are not booleans and greater than zero.
- \* Fixed infinite loop in ``stream`` when amt=None.
- \* Added length\_remaining to determine remaining data to be read.
- \* Added enforce\_content\_length to raise exception when incorrect content-length received.
  
- \* Seth Michael Larson <sethmichaellarson@protonmail.com>
- \* Created selectors backport that supports PEP 475.
  
- \* Alexandre Dias <alex.dias@smarkets.com>
- \* Don't retry on timeout if method not in whitelist
  
- \* Moinuddin Quadri <moin18@gmail.com>
- \* Lazily load idna package
  
- \* Tom White <s6yg1ez3@mail2tor.com>
- \* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.
  
- \* Tim Burke <tim.burke@gmail.com>
- \* Stop buffering entire deflate-encoded responses.
  
- \* Tuukka Mustonen <tuukka.mustonen@gmail.com>
- \* Add counter for status\_forcelist retries.
  
- \* Erik Rose <erik@mozilla.com>
- \* Bugfix to pyopenssl vendoring
  
- \* [Your name or handle] <[email or website]>
- \* [Brief summary of your changes]

# 1.355 libxext 1.3.3 3.e17

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# 1.356 certifi 2019.11.28

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

# 1.357 gmp 6.0.0 15.e17

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## 1.359 polycoreutils 2.5 34.el7

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```

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## 1.361 nettle 2.7.1 8.e17

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```
/* pbkdf2-hmac-sha256.c
```

```
*
```

```
* PKCS #5 PBKDF2 used with HMAC-SHA256, see RFC 2898.
```

```
*/
```

```
/* nettle, low-level cryptographics library
```

```
*
```

```
* Copyright (C) 2012 Simon Josefsson
```

```
*
```

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```

```
*/
```

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```
/* crypto/des/destest.c */
```

```
/* Copyright (C) 1995-1997 Eric Young (eay@cryptsoft.com)
```

```
* All rights reserved.
```

```
*
```

```
* This package is an SSL implementation written
```

```
* by Eric Young (eay@cryptsoft.com).
```

```
* The implementation was written so as to conform with Netscapes SSL.
```

```
*
```

```
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```

```
* the following conditions are aheared to. The following conditions
```

```
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```

```
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* as the author of the parts of the library used.
```

```
* This can be in the form of a textual message at program startup or
```

```
* in documentation (online or textual) provided with the package.
```

```
*
```

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```

```
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- \*/

## 1.362 sqlite 3.7.17 8.e17

### 1.362.1 Available under license :

```

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<title>SQLite Copyright Release Template</title>
<body bgcolor="white">
<h1 align="center">
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</h1>

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</p>

<ol>

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</p></li>

</ol>

<p>

<table width="100%" cellpadding="0" cellspacing="0">

<tr>

<td width="60%" valign="top">

Signature:

<p>&nbsp;</p>

<p>&nbsp;</p>

<p>&nbsp;</p>

</td><td valign="top" align="left">

Date:

</td></tr>

<td colspan=2>

Name (printed):

</td>

</tr>

</table>

</body>

</html>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd">

<html><head>

```
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<title>SQLite Copyright</title>
<style type="text/css">
body {
 margin: auto;
 font-family: Verdana, sans-serif;
 padding: 8px 1%;
}

a { color: #044a64 }
a:visited { color: #734559 }

.logo { position:absolute; margin:3px; }
.tagline {
float:right;
text-align:right;
font-style:italic;
width:300px;
margin:12px;
margin-top:58px;
}

.menubar {
clear: both;
border-radius: 8px;
background: #044a64;
padding: 0px;
margin: 0px;
cell-spacing: 0px;
}

.toolbar {
text-align: center;
line-height: 1.6em;
margin: 0;
padding: 0px 8px;
}

.toolbar a { color: white; text-decoration: none; padding: 6px 12px; }
.toolbar a:visited { color: white; }
.toolbar a:hover { color: #044a64; background: white; }

.content { margin: 5%; }
.content dt { font-weight:bold; }
.content dd { margin-bottom: 25px; margin-left:20%; }
.content ul { padding:0px; padding-left: 15px; margin:0px; }

/* Things for "fancyformat" documents start here. */
.fancy img+p { font-style:italic }
.fancy .codeblock i { color: darkblue; }
```

```

.fancy h1,.fancy h2,.fancy h3,.fancy h4 {font-weight:normal;color:#044a64}
.fancy h2 { margin-left: 10px }
.fancy h3 { margin-left: 20px }
.fancy h4 { margin-left: 30px }
.fancy th {white-space:nowrap;text-align:left;border-bottom:solid 1px #444}
.fancy th, .fancy td {padding: 0.2em 1ex; vertical-align:top}
.fancy #toc a { color: darkblue ; text-decoration: none }
.fancy .todo { color: #AA3333 ; font-style : italic }
.fancy .todo:before { content: 'TODO:' }
.fancy p.todo { border: solid #AA3333 1px; padding: 1ex }
.fancy img { display:block; }
.fancy :link:hover, .fancy :visited:hover { background: wheat }
.fancy p,.fancy ul,.fancy ol { margin: 1em 5ex }
.fancy li p { margin: 1em 0 }
/* End of "fancyformat" specific rules. */

```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div><!-- container div to satisfy validator -->
```

```

```

```

```

```
<div><!-- IE hack to prevent disappearing logo--></div>
```

```
<div class="tagline">Small. Fast. Reliable.
Choose any three.</div>
```

```
<table width=100% class="menubar"><tr>
```

```
<td width=100%>
```

```
<div class="toolbar">
```

```
About
```

```
Sitemap
```

```
Documentation
```

```
Download
```

```
License
```

```
News
```

```
Support
```

```
</div>
```

```
<script>
```

```
gMsg = "Search SQLite Docs..."
```

```
function entersearch() {
```

```
var q = document.getElementById("q");
```

```
if(q.value == gMsg) { q.value = "" }
```

```
q.style.color = "black"
```

```
q.style.fontStyle = "normal"
```

```
}
```

```
function leavesearch() {
```

```

var q = document.getElementById("q");
if(q.value == "") {
 q.value = gMsg
 q.style.color = "#044a64"
 q.style.fontStyle = "italic"
}
}
</script>
<td>
 <div style="padding:0 1em 0px 0;white-space:nowrap">
 <form name=f method="GET" action="http://www.sqlite.org/search">
 <input id=q name=q type=text
 onfocus="entersearch()" onblur="leavesearch()" style="width:24ex;padding:1px 1ex; border:solid white 1px;
font-size:0.9em ; font-style:italic;color:#044a64;" value="Search SQLite Docs...">
 <input type=submit value="Go" style="border:solid white 1px;background-color:#044a64;color:white;font-
size:0.9em;padding:0 1ex">
 </form>
 </div>
</td>
<div class=startsearch></div>

```

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```

<table align="right" vspace="0" hspace="10" border="1" cellpadding="20">
<tr><td align="center">

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Public Domain
</td></tr>
</table>

```

```

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```

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# 1.364 aic94xx-firmware 30 6.el7

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# 1.365 libthai 0.1.14 9.e17

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Version 2.1, February 1999

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## 1.366 stax-api 1.0.1

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it



does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work

under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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## 1.369 libini-config 1.3.0 27.e17

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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <https://www.cwi.nl/>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <https://www.cnri.reston.va.us/>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see <http://www.zope.com/>). In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no              |
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Mersenne Twister

-----

The `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

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Sockets

-----  
The :mod:`socket` module uses the functions, :func:`getaddrinfo`, and :func:`getnameinfo`, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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Floating point exception control  
-----

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MD5 message digest algorithm

-----

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.  
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.  
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.  
1999-05-03 lpd Original version.

Asynchronous socket services

-----

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Execution tracing

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UUencode and UUdecode functions

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use `binascii` module to do the actual line-by-line conversion between `ascii` and `binary`. This results in a 1000-fold speedup. The `C` version is still 5 times faster, though.

- Arguments more compliant with Python standard

## XML Remote Procedure Calls

-----

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`test_epoll`

-----

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Select kqueue

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strtod and dtoa

-----

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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# 1.377 libxfont 1.5.4 1.e17

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/\* lib/font/fontfile/gunzip.c

written by Mark Eichin <eichin@kitten.gen.ma.us> September 1996.

intended for inclusion in X11 public releases. \*/

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# 1.378 govmmomi 2.0

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\*/

package license

```
import (
 "context"
```

```
 "github.com/vmware/govmmomi/object"
 "github.com/vmware/govmmomi/vim25/methods"
 "github.com/vmware/govmmomi/vim25/types"
)
```

```
type AssignmentManager struct {
 object.Common
}
```

```
func (m AssignmentManager) QueryAssigned(ctx context.Context, id string)
([]types.LicenseAssignmentManagerLicenseAssignment, error) {
 req := types.QueryAssignedLicenses{
 This: m.Reference(),
 EntityId: id,
 }
}
```

```
res, err := methods.QueryAssignedLicenses(ctx, m.Client(), &req)
if err != nil {
```



```

 return nil, err
}

return res.Returnval, nil
}

func (m AssignmentManager) Remove(ctx context.Context, id string) error {
 req := types.RemoveAssignedLicense{
 This: m.Reference(),
 EntityId: id,
 }

 _, err := methods.RemoveAssignedLicense(ctx, m.Client(), &req)

 return err
}

func (m AssignmentManager) Update(ctx context.Context, id string, key string, name string)
(*types.LicenseManagerLicenseInfo, error) {
 req := types.UpdateAssignedLicense{
 This: m.Reference(),
 Entity: id,
 LicenseKey: key,
 EntityDisplayName: name,
 }

 res, err := methods.UpdateAssignedLicense(ctx, m.Client(), &req)
 if err != nil {
 return nil, err
 }

 return &res.Returnval, nil
}
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*/

```

```

package license

import (
 "context"
 "flag"
 "fmt"

 "github.com/vmware/govmomi/govc/cli"
 "github.com/vmware/govmomi/govc/flags"
 "github.com/vmware/govmomi/license"
 "github.com/vmware/govmomi/vim25/types"
)

type add struct {
 *flags.ClientFlag
 *flags.OutputFlag
}

func init() {
 cli.Register("license.add", &add{ })
}

func (cmd *add) Register(ctx context.Context, f *flag.FlagSet) {
 cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
 cmd.ClientFlag.Register(ctx, f)

 cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
 cmd.OutputFlag.Register(ctx, f)
}

func (cmd *add) Process(ctx context.Context) error {
 if err := cmd.ClientFlag.Process(ctx); err != nil {
 return err
 }
 if err := cmd.OutputFlag.Process(ctx); err != nil {
 return err
 }
 return nil
}

func (cmd *add) Usage() string {
 return "KEY..."
}

func (cmd *add) Run(ctx context.Context, f *flag.FlagSet) error {
 client, err := cmd.Client()
 if err != nil {

```

```

return err
}

m := license.NewManager(client)

// From the vSphere 5.5 documentation:
//
// To specify the edition type and any optional functions, use
// updateLicense for ESX Server and addLicense follow by
// LicenseAssingmentManager.updateAssignedLicense for VirtualCenter.
//
var addFunc func(ctx context.Context, key string, labels map[string]string) (types.LicenseManagerLicenseInfo,
error)
switch t := client.ServiceContent.About.ApiType; t {
case "HostAgent":
 addFunc = m.Update
case "VirtualCenter":
 addFunc = m.Add
default:
 return fmt.Errorf("unsupported ApiType: %s", t)
}

result := make(licenseOutput, 0)
for _, v := range f.Args() {
 license, err := addFunc(ctx, v, nil)
 if err != nil {
 return err
 }

 result = append(result, license)
}

return cmd.WriteResult(licenseOutput(result))
}
/*

```

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```

*/

package license

import (
 "context"
 "flag"

 "github.com/vmware/govmomi/govc/cli"
 "github.com/vmware/govmomi/govc/flags"
 "github.com/vmware/govmomi/license"
)

var featureUsage = "List licenses with given feature"

type ls struct {
 *flags.ClientFlag
 *flags.OutputFlag

 feature string
}

func init() {
 cli.Register("license.ls", &ls{ })
}

func (cmd *ls) Register(ctx context.Context, f *flag.FlagSet) {
 cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
 cmd.ClientFlag.Register(ctx, f)

 cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
 cmd.OutputFlag.Register(ctx, f)

 f.StringVar(&cmd.feature, "feature", "", featureUsage)
}

func (cmd *ls) Process(ctx context.Context) error {
 if err := cmd.ClientFlag.Process(ctx); err != nil {
 return err
 }
 if err := cmd.OutputFlag.Process(ctx); err != nil {
 return err
 }
 return nil
}

func (cmd *ls) Run(ctx context.Context, f *flag.FlagSet) error {
 client, err := cmd.Client()
}

```

```

if err != nil {
 return err
}

m := license.NewManager(client)
result, err := m.List(ctx)
if err != nil {
 return err
}

if cmd.feature != "" {
 result = result.WithFeature(cmd.feature)
}

return cmd.WriteResult(licenseOutput(result))
}
People who can (and typically have) contributed to this repository.
#
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#

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\*/

package license

```
import (
 "context"
 "strconv"
 "strings"

 "github.com/vmware/govmomi/object"
 "github.com/vmware/govmomi/vim25"
```

```

"github.com/vmware/govmomi/vim25/methods"
"github.com/vmware/govmomi/vim25/mo"
"github.com/vmware/govmomi/vim25/types"
)

type Manager struct {
 object.Common
}

func NewManager(c *vim25.Client) *Manager {
 m := Manager{
 object.NewCommon(c, *c.ServiceContent.LicenseManager),
 }

 return &m
}

func mapToKeyValueSlice(m map[string]string) []types.KeyValue {
 r := make([]types.KeyValue, len(m))
 for k, v := range m {
 r = append(r, types.KeyValue{Key: k, Value: v})
 }
 return r
}

func (m Manager) Add(ctx context.Context, key string, labels map[string]string)
(types.LicenseManagerLicenseInfo, error) {
 req := types.AddLicense{
 This: m.Reference(),
 LicenseKey: key,
 Labels: mapToKeyValueSlice(labels),
 }

 res, err := methods.AddLicense(ctx, m.Client(), &req)
 if err != nil {
 return types.LicenseManagerLicenseInfo{ }, err
 }

 return res.Returnval, nil
}

func (m Manager) Decode(ctx context.Context, key string) (types.LicenseManagerLicenseInfo, error) {
 req := types.DecodeLicense{
 This: m.Reference(),
 LicenseKey: key,
 }

 res, err := methods.DecodeLicense(ctx, m.Client(), &req)

```

```

if err != nil {
 return types.LicenseManagerLicenseInfo{ }, err
}

return res.Returnval, nil
}

func (m Manager) Remove(ctx context.Context, key string) error {
 req := types.RemoveLicense{
 This: m.Reference(),
 LicenseKey: key,
 }

 _, err := methods.RemoveLicense(ctx, m.Client(), &req)
 return err
}

func (m Manager) Update(ctx context.Context, key string, labels map[string]string)
(types.LicenseManagerLicenseInfo, error) {
 req := types.UpdateLicense{
 This: m.Reference(),
 LicenseKey: key,
 Labels: mapToKeyValueSlice(labels),
 }

 res, err := methods.UpdateLicense(ctx, m.Client(), &req)
 if err != nil {
 return types.LicenseManagerLicenseInfo{ }, err
 }

 return res.Returnval, nil
}

func (m Manager) List(ctx context.Context) (InfoList, error) {
 var mlm mo.LicenseManager

 err := m.Properties(ctx, m.Reference(), []string{"licenses"}, &mlm)
 if err != nil {
 return nil, err
 }

 return InfoList(mlm.Licenses), nil
}

func (m Manager) AssignmentManager(ctx context.Context) (*AssignmentManager, error) {
 var mlm mo.LicenseManager

 err := m.Properties(ctx, m.Reference(), []string{"licenseAssignmentManager"}, &mlm)

```



```

if err != nil {
 return nil, err
}

if mlm.LicenseAssignmentManager == nil {
 return nil, object.ErrNotSupported
}

am := AssignmentManager{
 object.NewCommon(m.Client(), *mlm.LicenseAssignmentManager),
}

return &am, nil
}

type licenseFeature struct {
 name string
 level int
}

func parseLicenseFeature(feature string) *licenseFeature {
 lf := new(licenseFeature)

 f := strings.Split(feature, ":")

 lf.name = f[0]

 if len(f) > 1 {
 var err error
 lf.level, err = strconv.Atoi(f[1])
 if err != nil {
 lf.name = feature
 }
 }

 return lf
}

func HasFeature(license types.LicenseManagerLicenseInfo, key string) bool {
 feature := parseLicenseFeature(key)

 for _, p := range license.Properties {
 if p.Key != "feature" {
 continue
 }

 kv, ok := p.Value.(types.KeyValue)

```

```

if !ok {
 continue
}

If := parseLicenseFeature(kv.Key)

if If.name == feature.name && If.level >= feature.level {
 return true
}

return false
}

// InfoList provides helper methods for []types.LicenseManagerLicenseInfo
type InfoList []types.LicenseManagerLicenseInfo

func (l InfoList) WithFeature(key string) InfoList {
 var result InfoList

 for _, license := range l {
 if HasFeature(license, key) {
 result = append(result, license)
 }
 }

 return result
}
original 1505437078 MD5:2365:4d5906090b985b5a10e16c25abadccb2 /main/fuji3/1 add.go
original 1505437078 MD5:2476:1e688c6a193a74b9feb829d9ad49d69f /main/fuji3/1 assign.go
original 1505437079 MD5:2305:6ee9d4bc791fd735e92f857a794ab660 /main/fuji3/1 assigned.go
original 1505437080 MD5:1899:36dfc2f11814b39dbbed1100d85fba83 /main/fuji3/1 decode.go
original 1505437081 MD5:1771:541592b6bbe621198e52ca7422b2d542 /main/fuji3/1 ls.go
original 1505437081 MD5:1133:3acc43886945b8b40490c555102e1311 /main/fuji3/1 output.go
original 1505437082 MD5:1649:58aaa5c919c589cb906246b9d40f08f6 /main/fuji3/1 remove.go
/*

```

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\*/

package license

```
import (
 "context"
 "flag"
 "fmt"
 "io"
 "os"
 "text/tabwriter"

 "github.com/vmware/govmomi/govc/cli"
 "github.com/vmware/govmomi/govc/flags"
 "github.com/vmware/govmomi/license"
 "github.com/vmware/govmomi/vim25/types"
)

type assigned struct {
 *flags.ClientFlag
 *flags.OutputFlag

 id string
}

func init() {
 cli.Register("license.assigned.ls", &assigned{ })
}

func (cmd *assigned) Register(ctx context.Context, f *flag.FlagSet) {
 cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
 cmd.ClientFlag.Register(ctx, f)

 cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
 cmd.OutputFlag.Register(ctx, f)

 f.StringVar(&cmd.id, "id", "", "Entity ID")
}

func (cmd *assigned) Process(ctx context.Context) error {
 if err := cmd.ClientFlag.Process(ctx); err != nil {
 return err
 }
 if err := cmd.OutputFlag.Process(ctx); err != nil {
 return err
 }
 return nil
}
```

```

}

func (cmd *assigned) Run(ctx context.Context, f *flag.FlagSet) error {
 client, err := cmd.Client()
 if err != nil {
 return err
 }

 m, err := license.NewManager(client).AssignmentManager(ctx)
 if err != nil {
 return err
 }

 assigned, err := m.QueryAssigned(ctx, cmd.id)
 if err != nil {
 return err
 }

 return cmd.WriteResult(assignedOutput(assigned))
}

type assignedOutput []types.LicenseAssignmentManagerLicenseAssignment

func (res assignedOutput) Write(w io.Writer) error {
 tw := tabwriter.NewWriter(os.Stdout, 4, 0, 2, ' ', 0)
 fmt.Fprintf(tw, "Id:\tScope:\tName:\tLicense:\n")
 for _, v := range res {
 fmt.Fprintf(tw, "%s\t", v.EntityId)
 fmt.Fprintf(tw, "%s\t", v.Scope)
 fmt.Fprintf(tw, "%s\t", v.EntityDisplayName)
 fmt.Fprintf(tw, "%s\t", v.AssignedLicense.LicenseKey)
 fmt.Fprintf(tw, "\n")
 }
 return tw.Flush()
}

```

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original 1505437191 MD5:1812:2ccb03c68cb6c596c0efa8825e3e4031 /main/fuji3/1 assignment\_manager.go  
original 1505437192 MD5:4282:52fa30ff661f3659ceb3952f42bedfbd /main/fuji3/1 manager.go



```
/*
```

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```
*/
```

```
package license
```

```
import (
```

```
 "fmt"
```

```
 "io"
```

```
 "os"
```

```
 "text/tabwriter"
```

```
 "github.com/vmware/govmomi/vim25/types"
```

```
)
```

```
type licenseOutput []types.LicenseManagerLicenseInfo
```

```
func (res licenseOutput) Write(w io.Writer) error {
```

```
 tw := tabwriter.NewWriter(os.Stdout, 4, 0, 2, ' ', 0)
```

```
 fmt.Fprintf(tw, "Key:\tEdition:\tUsed:\tTotal:\n")
```

```
 for _, v := range res {
```

```
 fmt.Fprintf(tw, "%s\t", v.LicenseKey)
```

```
 fmt.Fprintf(tw, "%s\t", v.EditionKey)
```

```
 fmt.Fprintf(tw, "%d\t", v.Used)
```

```
 fmt.Fprintf(tw, "%d\t", v.Total)
```

```
 fmt.Fprintf(tw, "\n")
```

```
 }
```

```
 return tw.Flush()
```

```
}
```

```
/*
```

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\*/

package license

```
import (
 "context"
 "flag"

 "github.com/vmware/govmomi/govc/cli"
 "github.com/vmware/govmomi/govc/flags"
 "github.com/vmware/govmomi/license"
)

type decode struct {
 *flags.ClientFlag
 *flags.OutputFlag

 feature string
}

func init() {
 cli.Register("license.decode", &decode{ })
}

func (cmd *decode) Register(ctx context.Context, f *flag.FlagSet) {
 cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
 cmd.ClientFlag.Register(ctx, f)

 cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
 cmd.OutputFlag.Register(ctx, f)

 f.StringVar(&cmd.feature, "feature", "", featureUsage)
}

func (cmd *decode) Process(ctx context.Context) error {
 if err := cmd.ClientFlag.Process(ctx); err != nil {
 return err
 }
 if err := cmd.OutputFlag.Process(ctx); err != nil {
 return err
 }
}
```

```

return nil
}

func (cmd *decode) Usage() string {
return "KEY..."
}

func (cmd *decode) Run(ctx context.Context, f *flag.FlagSet) error {
client, err := cmd.Client()
if err != nil {
return err
}

var result license.InfoList
m := license.NewManager(client)
for _, v := range f.Args() {
license, err := m.Decode(ctx, v)
if err != nil {
return err
}

result = append(result, license)
}

if cmd.feature != "" {
result = result.WithFeature(cmd.feature)
}

return cmd.WriteResult(licenseOutput(result))
}

```

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\*/

package license

```
import (
 "context"
 "flag"

 "github.com/vmware/govmomi/govc/cli"
 "github.com/vmware/govmomi/govc/flags"
 "github.com/vmware/govmomi/license"
 "github.com/vmware/govmomi/vim25/types"
)

type assign struct {
 *flags.ClientFlag
 *flags.OutputFlag
 *flags.HostSystemFlag

 name string
 remove bool
}

func init() {
 cli.Register("license.assign", &assign{ })
}

func (cmd *assign) Register(ctx context.Context, f *flag.FlagSet) {
 cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
 cmd.ClientFlag.Register(ctx, f)

 cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
 cmd.OutputFlag.Register(ctx, f)

 cmd.HostSystemFlag, ctx = flags.NewHostSystemFlag(ctx)
 cmd.HostSystemFlag.Register(ctx, f)

 f.StringVar(&cmd.name, "name", "", "Display name")
 f.BoolVar(&cmd.remove, "remove", false, "Remove assignment")
```

```

}

func (cmd *assign) Process(ctx context.Context) error {
 if err := cmd.ClientFlag.Process(ctx); err != nil {
 return err
 }
 if err := cmd.OutputFlag.Process(ctx); err != nil {
 return err
 }
 if err := cmd.HostSystemFlag.Process(ctx); err != nil {
 return err
 }
 return nil
}

func (cmd *assign) Usage() string {
 return "KEY"
}

func (cmd *assign) Run(ctx context.Context, f *flag.FlagSet) error {
 if f.NArg() != 1 {
 return flag.ErrHelp
 }

 key := f.Arg(0)

 client, err := cmd.Client()
 if err != nil {
 return err
 }

 m, err := license.NewManager(client).AssignmentManager(ctx)
 if err != nil {
 return err
 }

 host, err := cmd.HostSystemIfSpecified()
 if err != nil {
 return err
 }

 var id string

 if host == nil {
 // Default to vCenter UUID
 id = client.ServiceContent.About.InstanceUuid
 } else {
 id = host.Reference().Value
 }
}

```

```

}

if cmd.remove {
 return m.Remove(ctx, id)
}

info, err := m.Update(ctx, id, key, cmd.name)
if err != nil {
 return err
}

return cmd.WriteResult(licenseOutput([]types.LicenseManagerLicenseInfo{*info}))
}

```

/\*

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\*/

```
package license
```

```
import (
 "context"
 "flag"

 "github.com/vmware/govmomi/govc/cli"
 "github.com/vmware/govmomi/govc/flags"
 "github.com/vmware/govmomi/license"
)

```

```
type remove struct {
 *flags.ClientFlag
 *flags.OutputFlag
}

```

```
func init() {
 cli.Register("license.remove", &remove{})
}

```

```

func (cmd *remove) Register(ctx context.Context, f *flag.FlagSet) {
 cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
 cmd.ClientFlag.Register(ctx, f)

 cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
 cmd.OutputFlag.Register(ctx, f)
}

func (cmd *remove) Process(ctx context.Context) error {
 if err := cmd.ClientFlag.Process(ctx); err != nil {
 return err
 }
 if err := cmd.OutputFlag.Process(ctx); err != nil {
 return err
 }
 return nil
}

func (cmd *remove) Usage() string {
 return "KEY..."
}

func (cmd *remove) Run(ctx context.Context, f *flag.FlagSet) error {
 client, err := cmd.Client()
 if err != nil {
 return err
 }

 m := license.NewManager(client)
 for _, v := range f.Args() {
 err = m.Remove(ctx, v)
 if err != nil {
 return err
 }
 }

 return nil
}

#!/usr/bin/env bats

load test_helper

These tests should only run against a server running an evaluation license.
verify_evaluation() {
 if ["$(govc license.ls -json | jq -r .[0].EditionKey)" != "eval"]; then
 skip "requires evaluation license"
 fi
}

```

```

}

get_key() {
jq ".[] | select(.LicenseKey == \"\$1\")"
}

get_property() {
jq -r ".Properties[] | select(.Key == \"\$1\") | .Value"
}

@test "license.add" {
verify_evaluation

run govc license.add -json 00000-00000-00000-00000-00001 00000-00000-00000-00000-00002
assert_success

Expect to see an entry for both the first and the second key
assert_equal "License is not valid for this product" $(get_key 00000-00000-00000-00000-00001 <<<${output} |
get_property diagnostic)
assert_equal "License is not valid for this product" $(get_key 00000-00000-00000-00000-00002 <<<${output} |
get_property diagnostic)
}

@test "license.remove" {
verify_evaluation

run govc license.remove -json 00000-00000-00000-00000-00001
assert_success
}

@test "license.ls" {
verify_evaluation

run govc license.ls -json
assert_success

Expect the test instance to run in evaluation mode
assert_equal "Evaluation Mode" $(get_key 00000-00000-00000-00000-00000 <<<${output} | jq -r ".Name")
}

@test "license.decode" {
verify_evaluation

key=00000-00000-00000-00000-00000
assert_equal "eval" $(govc license.decode $key | grep $key | awk '{print $2}')
}

```

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## 1.379 python-setuptools 38.4.0

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## 1.380 d3js 4.4.0

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## 1.381 python-lxml 3.2.1 4.e17

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## 1.392 recast 0.18.1

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# 1.394 tcp-dump 4.9.2 4.e17\_7.1

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## 1.396 golang-org-x-sys 1.0

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. The file ``src/libs/snprintf/snprintf.c'`, written by Mark Martinec <mark.martinec@ijs.si>.

Please look into `snprintf.c` for the copyright message.

The complete `snprintf` package together with documentation is available from

<http://www.ijs.si/software/snprintf/> .

. The ``grn'` preprocessor, written by Barry Roitblat <barry@rentonww.com> and David Slattengren <slatteng@Xinet.COM>. These files have been part of the original Berkeley ditroff distribution, without AT&T code, and are in the public domain.

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<http://ftp.cs.wisc.edu/pub/misc/grn.tar.Z> .

```
src/preproc/grn/gprint.h
src/preproc/grn/hdb.cpp
src/preproc/grn/hgraph.cpp
src/preproc/grn/hpoint.cpp
src/preproc/grn/main.cpp
```

. The `gxditview' output device. It is based on X11's `xditview' program and thus has the X license.

```
src/devices/xditview/DESC.in
src/devices/xditview/Dvi.c
src/devices/xditview/Dvi.h
src/devices/xditview/DviP.h
src/devices/xditview/FontMap
src/devices/xditview/GXditview.ad
src/devices/xditview/Menu.h
src/devices/xditview/ad2c
src/devices/xditview/device.c
src/devices/xditview/device.h
src/devices/xditview/draw.c
src/devices/xditview/font.c
src/devices/xditview/gray1.bm
src/devices/xditview/gray2.bm
src/devices/xditview/gray3.bm
src/devices/xditview/gray4.bm
src/devices/xditview/gray5.bm
src/devices/xditview/gray6.bm
src/devices/xditview/gray7.bm
src/devices/xditview/gray8.bm
src/devices/xditview/gxditview.man
src/devices/xditview/lex.c
src/devices/xditview/page.c
src/devices/xditview/parse.c
src/devices/xditview/xdit.bm
src/devices/xditview/xdit_mask.bm
src/devices/xditview/xditview.c
```

```
src/include/DviChar.h
src/include/XFontName.h
```

```
src/libs/libxutil/DviChar.c
src/libs/libxutil/XFontName.c
```

Macro Packages

-----

. The -mdoc macro set, using the BSD license.

```
tmac/doc.tmac
tmac/doc-old.tmac
tmac/doc-common
tmac/doc-ditroff
tmac/doc-nroff
tmac/doc-syms
tmac/groff_mdoc.man
```

. The -me macro set, using the BSD license.

```
tmac/e.tmac
tmac/groff_me.man
doc/meintro.me
doc/meref.me
```

## Hyphenation Patterns

-----  
. The file ``tmac/hyphen.us'` is identical to the file ``hyphen.tex'`, part of the TeX system written by Donald E. Knuth; the master file can be found at

```
ftp://labrea.stanford.edu/pub/tex/dist/lib/hyphen.tex .
```

It has been renamed for consistency, i.e., to make patterns available under the filenames ``hyphen.<language>'`, e.g. ``hyphen.de'` or ``hyphen.uk'`.

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. The file ``tmac/hyphen.fr'` contains the same patterns as the file ``frhyph.tex'` (for TeX), which can be found at

```
http://dante.ctan.org/CTAN/language/hyphenation/frhyph.tex .
```

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. The file ``tmac/hyphen.sv'` is identical to the file ``svhyph.tex'`, which can be found at

```
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```

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. The files `tmac/hyphen.det' and `tmac/hyphen.den' contain the same patterns as the files `dehyphn.tex' and `dehypht.tex' (for TeX), which can be found at

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. The file `tmac/hyphenex.det' is identical to the file `dehyphtex.tex', which can be found at

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. The file `tmac/hyphen.cs' contains the same patterns as the file `czhyphen.tex' (for TeX), which can be found in the archive

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lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
```

lib/libgss/g\_acquire\_cred.c  
lib/libgss/g\_canon\_name.c  
lib/libgss/g\_compare\_name.c  
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lib/libgss/g\_store\_cred.c  
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lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
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lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c

lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
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lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
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lib/kdb/iprop.x  
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lib/kdb/kdb\_log.h  
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# 1.407 numa 2.0.12 5.e17

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```
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# 1.411 pycryptodomex 3.4.7

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## 1.412 resource-agents 4.1.1 46.el7

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=====

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```
<one line to give the program's name and a brief idea of what it does.>
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```

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```
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```

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```
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```

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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The primary author and maintainer of six is Benjamin Peterson. He would like to acknowledge the following people who submitted bug reports, pull requests, and otherwise worked to improve six:

Marc Abramowitz  
Alexander Artemenko  
Aymeric Augustin  
Ned Batchelder  
Jason R. Coombs  
Julien Danjou  
Ben Darnell  
Ben Davis  
Tim Graham  
Thomas Grainger  
Joshua Harlow  
Anselm Kruis  
Alexander Lukanin  
James Mills  
Sridhar Ratnakumar  
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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Release	Derived from	Year	Owner	GPL-compatible? (1)
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes



3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
3.2.1	3.2	2011	PSF	yes
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#### Dependent Modules

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This code has the following dependencies  
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uritemplates - Apache License 2.0

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's

principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes

2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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## 1.413 superagent 3.8.3

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## 1.415 python-ethtool 0.8 8.e17

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## 1.418 ca-certificates 2019.2.32 76.el7\_7

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```
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vim:set et sw=4:
#
certdata2pem.py - splits certdata.txt into multiple files
#
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## 1.423 screen 4.1.0 0.25.20120314git3c2946.e17

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# 1.425 corosync 2.4.3 4.el7

# 1.426 bzip2 1.0.6 13.el7

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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## 1.427 superagent-defaults 0.1.14

## 1.428 biosdevname 0.7.3 2.el7

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# 1.429 wildfly 14.0.1

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\*/

```
package org.wildfly.naming.java.permission;
```

```
import java.io.Serializable;
```

```
final class SerializedJndiPermission implements Serializable {
 private static final long serialVersionUID = - 7602123815143424767L;
```

```
 private final String name;
 private final String actions;
```

```
 SerializedJndiPermission(final String name, final String actions) {
 this.name = name;
 this.actions = actions;
 }
}
```

```
 Object readResolve() {
 return new JndiPermission(name, actions);
 }
}
```

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\*/

```
package org.wildfly.naming.java.permission;
```

```
import java.util.Iterator;
```

```
import java.util.NoSuchElementException;
```

```
import org.jboss.as.naming.logging.NamingLogger;
```

```
import org.wildfly.common.iteration.CodePointIterator;
```

```
final class JndiPermissionNameParser {
 private JndiPermissionNameParser() {
 }
}
```

```
 static Iterator<String> nameIterator(final String string) {
 return new ParsingIterator(string);
 }
}
```

```
 static Iterator<String> segmentsIterator(String[] segments) {
 return new SegmentsIterator(segments);
 }
}
```

```
 static String[] toArray(Iterator<String> iter) {
 return toArray(iter, 0);
 }
}
```

```
 private static String[] toArray(final Iterator<String> iter, final int size) {
 if (iter.hasNext()) {
 String next = iter.next();
 String[] array = toArray(iter, size + 1);
 array[size] = next;
 return array;
 } else {
 return new String[size];
 }
 }
}
```

```

static class SegmentsIterator implements Iterator<String> {
 private final String[] segments;
 private int idx;

 SegmentsIterator(final String[] segments) {
 this.segments = segments;
 }

 public boolean hasNext() {
 return idx < segments.length;
 }

 public String next() {
 return segments[idx ++];
 }

 String[] getSegments() {
 return segments;
 }
}

static class ParsingIterator implements Iterator<String> {
 private final CodePointIterator cpi;
 private final StringBuilder b;
 private final String string;
 private boolean hasNext = true;

 ParsingIterator(final String string) {
 this.string = string;
 cpi = CodePointIterator.ofString(string);
 b = new StringBuilder();
 }

 public boolean hasNext() {
 return hasNext;
 }

 public String next() {
 if (! hasNext()) throw new NoSuchElementException();
 final StringBuilder b = this.b;
 final CodePointIterator cpi = this.cpi;
 int cp;
 while (cpi.hasNext()) {
 cp = cpi.next();
 if (cp == '\\') {
 // skip the next code point always
 if (! cpi.hasNext()) {
 throw NamingLogger.ROOT_LOGGER.invalidJndiName(string);
 }
 }
 b.append(cp);
 }
 return b.toString();
 }
}

```

```

 }
 b.appendCodePoint(cpi.next());
} else if (cp == "" || cp == "\") {
 int q = cp;
 if (! cpi.hasNext()) {
 throw NamingLogger.ROOT_LOGGER.invalidJndiName(string);
 }
 for (;;) {
 cp = cpi.next();
 if (cp == "\\") {
 // skip the next code point always
 if (! cpi.hasNext()) {
 throw NamingLogger.ROOT_LOGGER.invalidJndiName(string);
 }
 b.appendCodePoint(cpi.next());
 } else if (cp == q) {
 break;
 } else {
 b.appendCodePoint(cp);
 }
 if (! cpi.hasNext()) {
 throw NamingLogger.ROOT_LOGGER.invalidJndiName(string);
 }
 }
} else if (cp == '/') {
 final String s = b.toString();
 b.setLength(0);
 return s;
} else {
 b.appendCodePoint(cp);
}
}
final String s = b.toString();
b.setLength(0);
hasNext = false;
return s;
}
}
}

```

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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

```
<?xml version="1.0" ?>
```

```
<package-spec xmlns="urn:jboss:galleon:package:1.0" name="docs.licenses.merge">
```

```
 <dependencies>
```

```
 <!--
```

```
 <origin name="org.wildfly.core:wildfly-core-galleon-pack">
```

```
 <package name="docs.licenses.merge"/>
```

```
 </origin>
```

```

-->
 <package name="docs.licenses"/>
</dependencies>
</package-spec>
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head profile="http://www.w3.org/1999/xhtml/vocab">
 <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
 <meta name="viewport" content="width=device-width, initial-scale=1" />
 <link rel="shortcut icon" href="https://opensource.org/files/osi_favicon.png" type="image/png" />
 <meta name="HandheldFriendly" content="true" />
 <link rel="shortlink" href="/node/568" />
 <meta name="Generator" content="Drupal 7 (http://drupal.org)" />
 <link rel="canonical" href="/licenses/BSD-3-Clause" />
 <meta name="MobileOptimized" content="width" />
 <title>The 3-Clause BSD License | Open Source Initiative</title>
 <link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_xE-rWrJf-
fncB6ztZfd2huxqgxu4WO-qwma6Xer30m4.css" media="all" />
 <link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_4p37TiWeuzRfdymI_IPgCuu6wEwSDhUquxUkHLI7QnU.css"
media="all" />
 <link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_MnXiytJtb186Ydycnpwpw34cuUsHaKc80ey5LiQXhSY.css"
media="all" />
 <link type="text/css" rel="stylesheet" href="//maxcdn.bootstrapcdn.com/bootstrap/3.2.0/css/bootstrap.min.css"
media="all" />
 <link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_KGZcOm3i1wmtbgZsjo-
3V9FM4wZ-5UDcpJ7Vfzmt45E.css" media="all" />
 <link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_G9cu63kkDQ56GYuF3QrqJxma5HT-bUVZckUWKUzFCF4.css"
media="all" />

<!--[if (lt IE 9)]>
<link type="text/css" rel="stylesheet" href="https://opensource.org/sites/all/themes/bootstrap-
business/css/ie8.css?ovik2y" media="all" />
<![endif]-->

<!-- HTML5 element support for IE6-8 -->
<!--[if lt IE 9]>
 <script src="//html5shiv.googlecode.com/svn/trunk/html5.js"></script>
<![endif]-->
<script type="text/javascript" src="//code.jquery.com/jquery-1.10.2.min.js"></script>
<script type="text/javascript">
<!--/--><![CDATA[//><!--
window.jQuery || document.write("<script
src='/sites/all/modules/jquery_update/replace/jquery/1.10/jquery.min.js'\>\x3C/script>")
//--><![>

```

```

</script>
<script type="text/javascript"
src="https://opensource.org/files/js/js_V1ZuwJK9uzfm6fFffOcHHubfxnimoxnbgG58pvTQdpY.js"></script>
<script type="text/javascript" src="//maxcdn.bootstrapcdn.com/bootstrap/3.2.0/js/bootstrap.min.js"></script>
<script type="text/javascript">
<!--//--><![CDATA[//><!--
jQuery(document).ready(function($) {
 $(window).scroll(function() {
 if($(this).scrollTop() != 0) {
 $("#toTop").fadeIn();
 } else {
 $("#toTop").fadeOut();
 }
 });

 $("#toTop").click(function() {
 $("body,html").animate({scrollTop:0},800);
 });

});
//--><![]]>
</script>
<script type="text/javascript"
src="https://opensource.org/files/js/js_ruOYJN6FkJU2O5L1dAKVnDloSn5R6LjnLW88zFxS1Uw.js"></script>
<script type="text/javascript" src="https://opensource.org/files/js/js_JQHTvV_SkyFIN3f2BnQwnusF-
eI6tkX8wrKak2siiZU.js"></script>
<script type="text/javascript">
<!--//--><![CDATA[//><!--
jQuery.extend(Drupal.settings,
{"basePath":"","pathPrefix":"","ajaxPageState":{"theme":"bootstrap_business","theme_token":"RTPZ5j_JjXkzUsI
Xoha-0PZHUMxujqVW-YTVUGpyd9k"},"js":{"code.jquery.com/jquery-
1.10.2.min.js":1,"0":1,"misc/jquery.once.js":1,"misc/drupal.js":1,"\\maxcdn.bootstrapcdn.com\\bootstrap\\3.2.0\\js
\\bootstrap.min.js":1,"1":1,"sites\\all\\libraries\\superfish\\jquery.hoverIntent.minified.js":1,"sites\\all\\libraries\\supe
rfish\\sftouchscreen.js":1,"sites\\all\\libraries\\superfish\\sfsmallscreen.js":1,"sites\\all\\libraries\\superfish\\suppositi
on.js":1,"sites\\all\\libraries\\superfish\\superfish.js":1,"sites\\all\\libraries\\superfish\\supersubs.js":1,"sites\\all\\mod
ules\\superfish\\superfish.js":1,"sites\\all\\themes\\bootstrap-
business\\js\\jquery.browser.min.js":1},"css":{"modules\\system\\system.base.css":1,"modules\\system\\system.men
us.css":1,"modules\\system\\system.messages.css":1,"modules\\system\\system.theme.css":1,"modules\\aggregator\\
aggregator.css":1,"modules\\comment\\comment.css":1,"modules\\field\\theme\\field.css":1,"sites\\all\\modules\\mol
lom\\mollom.css":1,"modules\\node\\node.css":1,"modules\\search\\search.css":1,"modules\\user\\user.css":1,"sites\\
all\\modules\\views\\css\\views.css":1,"sites\\all\\modules\\ctools\\css\\ctools.css":1,"\\maxcdn.bootstrapcdn.com\\
bootstrap\\3.2.0\\css\\bootstrap.min.css":1,"sites\\all\\libraries\\superfish\\css\\superfish.css":1,"sites\\all\\themes\\bo
otstrap-business\\css\\style.css":1,"sites\\all\\themes\\bootstrap-
business\\color\\colors.css":1,"sites\\all\\themes\\bootstrap-business\\css\\local.css":1,"sites\\all\\themes\\bootstrap-
business\\css\\ie8.css":1}},urlIsAjaxTrusted":{"\\licenses\\BSD-3-
Clause":true},"superfish":{"1":{"id":"1","sf":{"animation":{"opacity":"show","height":"show"},"speed":"\u0027fast
\u0027","autoArrows":false,"dropShadows":true,"disableHI":false},"plugins":{"touchscreen":{"mode":"window_wi
dth"},"smallscreen":{"mode":"window_width"},"addSelected":false,"menuClasses":false,"hyperlinkClasses":false,"ti

```

```

tle:"Navigation"},"supposition":true,"biframe":false,"supersubs":{"minWidth":"12","maxWidth":"27","extraWidt
h":1}}}}});
//--><![!]]>
</script>
</head>
<body class="html not-front not-logged-in no-sidebars page-node page-node- page-node-568 node-type-page" >
<div id="skip-link">
 Skip to main content
</div>
<div id="toTop"></div>

<!-- #header-top -->
<div id="header-top" class="clearfix">
 <div class="container">

 <!-- #header-top-inside -->
 <div id="header-top-inside" class="clearfix">
 <div class="row">

 <div class="col-md-8">
 <!-- #header-top-left -->
 <div id="header-top-left" class="clearfix">
 <div class="region region-header-top-left">
 <div id="block-menu-secondary-menu" class="block block-menu clearfix">

 <div class="content">
 <ul class="menu"><li class="first leaf">Home
 <li class="leaf">From the Board
 <li class="leaf">Contact
 <li class="last leaf">Donate
 </div>
 </div>
 </div>
 <!-- EOF:#header-top-left -->
 </div>

 <div class="col-md-4">
 <!-- #header-top-right -->
 <div id="header-top-right" class="clearfix">
 <div class="region region-header-top-right">
 <div id="block-search-form" class="block block-search clearfix">

 <div class="content">

```

```

<form action="/licenses/BSD-3-Clause" method="post" id="search-block-form" accept-charset="UTF-
8"><div><div class="container-inline">
 <h2 class="element-invisible">Search form</h2>
 <div class="form-item form-type-textfield form-item-search-block-form">
<input onblur="if (this.value == '') {this.value = 'Search this website...';}" onfocus="if
(this.value == 'Search this website...') {this.value = '';}" type="text" id="edit-search-
block-form--2" name="search_block_form" value="Search this website..." size="15" maxlength="128"
class="form-text" />
</div>
<div class="form-actions form-wrapper" id="edit-actions"><input value="" type="submit" id="edit-submit"
name="op" class="form-submit" /></div><input type="hidden" name="form_build_id" value="form-
60qz0NT1ILjLHdyR92OnuBPjsCJ16vQNtQwwtC1vu-c" />
<input type="hidden" name="form_id" value="search_block_form" />
</div>
</div></form> </div>
</div>
</div>
 </div>
 <!-- EOF:#header-top-right -->
</div>

 </div>
</div>
<!-- EOF: #header-top-inside -->

</div>
</div>
<!-- EOF: #header-top -->

<!-- header -->
<header id="header" role="banner" class="clearfix">
 <div class="container">

 <!-- #header-inside -->
 <div id="header-inside" class="clearfix">
 <div class="row">
 <div class="col-md-8">

 <div id="logo">

 </div>

 <div id="site-name">
 Open Source Initiative
 </div>

```

```

</div>

<div class="col-md-4">

 </div>
</div>
</div>
<!-- EOF: #header-inside -->

</div>
</header>
<!-- EOF: #header -->

<!-- #main-navigation -->
<div id="main-navigation" class="clearfix">
 <div class="container">

 <!-- #main-navigation-inside -->
 <div id="main-navigation-inside" class="clearfix">
 <div class="row">
 <div class="col-md-12">
 <nav role="navigation">
 <div class="region region-navigation">
 <div id="block-superfish-1" class="block block-superfish clearfix">

 <div class="content">
 <ul id="superfish-1" class="menu sf-menu sf-navigation sf-horizontal sf-style-none sf-total-items-6 sf-parent-items-6 sf-single-items-0"><li id="menu-37-1" class="first odd sf-item-1 sf-depth-1 sf-total-children-4 sf-parent-children-2 sf-single-children-2 menuparent">About<li id="menu-75-1" class="first odd sf-item-1 sf-depth-2 sf-no-children">History<li id="menu-82-1" class="middle even sf-item-2 sf-depth-2 sf-total-children-7 sf-parent-children-0 sf-single-children-7 menuparent">Board<li id="menu-83-1" class="first odd sf-item-1 sf-depth-3 sf-no-children">Board - Annotated<li id="menu-96-1" class="middle even sf-item-2 sf-depth-3 sf-no-children">Minutes<li id="menu-185-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children">Organization & Operations<li id="menu-95-1" class="middle even sf-item-4 sf-depth-3 sf-no-children">Articles of Incorporation<li id="menu-1475-1" class="middle odd sf-item-5 sf-depth-3 sf-no-children">Board Elections<li id="menu-84-1" class="middle even sf-item-6 sf-depth-3 sf-no-children">Bylaws<li id="menu-1317-1" class="last odd sf-item-7 sf-depth-3 sf-no-children">Conflict of Interest<li id="menu-1843-1" class="middle odd sf-item-3 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2

```



menuparent"><a href="/trademark" title="" class="sf-depth-2 menuparent">Trademark & Logo</a><ul><li id="menu-184-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/trademark-guidelines" title="OSI's Trademark Policy" class="sf-depth-3">Trademark Guidelines</a></li><li id="menu-183-1" class="last even sf-item-2 sf-depth-3 sf-no-children"><a href="/logo-usage-guidelines" title="Guidelines for appearance and usage of OSI Logo" class="sf-depth-3">Logo Guidelines</a></li></ul></li><li id="menu-126-1" class="last even sf-item-4 sf-depth-2 sf-no-children"><a href="/ToS" title="Rules for posting content on this site" class="sf-depth-2">Terms of Service</a></li></ul></li><li id="menu-65-1" class="middle even sf-item-2 sf-depth-1 sf-total-children-5 sf-parent-children-3 sf-single-children-2 menuparent"><a href="/licenses" class="sf-depth-1 menuparent">Licenses</a><ul><li id="menu-61-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-1 sf-parent-children-0 sf-single-children-1 menuparent"><a href="/osd" title="The actual OSD defining what constitutes an Open Source licence" class="sf-depth-2 menuparent">Open Source Definition</a><ul><li id="menu-62-1" class="firstandlast odd sf-item-1 sf-depth-3 sf-no-children"><a href="/osd-annotated" title="The OSD with explanations and rationale interspersed." class="sf-depth-3">OSD - Annotated</a></li></ul></li><li id="menu-77-1" class="middle even sf-item-2 sf-depth-2 sf-no-children"><a href="/licenses/category" title="Licenses by Category" class="sf-depth-2">Licenses by Category</a></li><li id="menu-72-1" class="middle odd sf-item-3 sf-depth-2 sf-no-children"><a href="/licenses/alphabetical" title="Licenses that are approved by the OSI as conforming to the OSD" class="sf-depth-2">Licenses by Name</a></li><li id="menu-66-1" class="middle even sf-item-4 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent"><a href="/approval" title="Certifying licences as OSD-compliant" class="sf-depth-2 menuparent">License Review Process</a><ul><li id="menu-67-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/proliferation" title="Supporting choice while maintaining sanity" class="sf-depth-3">Licence Proliferation</a></li><li id="menu-69-1" class="last even sf-item-2 sf-depth-3 sf-no-children"><a href="/proliferation-report" title="License Proliferation Committee's report to the OSI Board" class="sf-depth-3">LP report to the Board</a></li></ul></li><li id="menu-99-1" class="last odd sf-item-5 sf-depth-2 sf-total-children-4 sf-parent-children-0 sf-single-children-4 menuparent"><a href="/osr-intro" title="Open Standards Requirement for Software" class="sf-depth-2 menuparent">Open Standards</a><ul><li id="menu-101-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/osr" title="An "open standard" must not prohibit conforming implementations in open source software." class="sf-depth-3">The Open Standards Requirement</a></li><li id="menu-102-1" class="middle even sf-item-2 sf-depth-3 sf-no-children"><a href="/osr-compliance" class="sf-depth-3">Open Standards Requirement Compliance</a></li><li id="menu-100-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children"><a href="/osr-rationale" class="sf-depth-3">Open Standards Requirement Rationale</a></li><li id="menu-103-1" class="last even sf-item-4 sf-depth-3 sf-no-children"><a href="/osr-faq" title="Frequently asked questions about the Open Standards Requirement" class="sf-depth-3">OSR Frequently Asked Questions</a></li></ul></li></ul></li><li id="menu-1842-1" class="middle odd sf-item-3 sf-depth-1 sf-total-children-3 sf-parent-children-2 sf-single-children-1 menuparent"><a href="/membership" title="Page for our various membership programs" class="sf-depth-1 menuparent">Membership</a><ul><li id="menu-914-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-1 sf-parent-children-0 sf-single-children-1 menuparent"><a href="/members" class="sf-depth-2 menuparent">Individuals</a><ul><li id="menu-897-1" class="firstandlast odd sf-item-1 sf-depth-3 sf-no-children"><a href="/civicrm/contribute/transact?reset=1&id=1" title="" class="sf-depth-3">Join</a></li></ul></li><li id="menu-675-1" class="middle even sf-item-2 sf-depth-2 sf-total-children-3 sf-parent-children-0 sf-single-children-3 menuparent"><a href="/affiliates" title="Home page for OSI's membership scheme for non-profits and not-for-profits" class="sf-depth-2 menuparent">Affiliates</a><ul><li id="menu-676-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/affiliates/about" class="sf-depth-3">Become an Affiliate</a></li><li id="menu-677-1" class="middle even sf-item-2 sf-depth-3 sf-no-children"><a href="/affiliates/list" title="Full list of non-profits and not-for-profits affiliated to OSI" class="sf-depth-3">List of Affiliates</a></li><li id="menu-2071-1" class="last odd sf-item-3 sf-depth-3 sf-no-children"><a href="/AffiliateRequirements" class="sf-depth-3">Affiliate Criteria</a></li></ul></li><li id="menu-1436-1" class="last odd sf-item-3 sf-depth-2 sf-no-children"><a href="/sponsors" class="sf-depth-2">Sponsors &

Support

- [Community](/community)
- [The virtual committees where the OSI's work gets done](/lists)
- [Guidelines for OSI Mailing Lists](/codeofconduct)
- [Licensing Code of Conduct](/codeofconduct/licensing)
- [Disclaimer for OSI Public Forums](/public_forums_disclaimer)
- [Policy on Public Communications and Archives](/public_archives_policy)
- [Volunteers](/volunteers)
- [Wiki](http://wiki.opensource.org)
- [OSI Store](/store)
- [Resources](/resources)
- [FAQ](/faq)
- [OSI Board Blog](/blog)
- [Getting Help](/help)
- [Bibliography](/links)
- [Open Source Case for Business](/advocacy/case_for_business.php)
- [Working Groups](/working_groups)
- [OSI's Open Source Education Initiative and Activities](/osi-open-source-education)
- [News & Events](/news)
- [Index of newsletters](/newsletters)
- [Events](/events)

</div>

</div>

</nav>

</div>

</div>

</div>

<!-- EOF: #main-navigation-inside -->

</div>

</div>

<!-- EOF: #main-navigation -->

```

<!-- #page -->
<div id="page" class="clearfix">

<!-- #main-content -->
<div id="main-content">
 <div class="container">

 <!-- #messages-console -->
 <!-- EOF: #messages-console -->

 <div class="row">

 <section class="col-md-12">

 <!-- #main -->
 <div id="main" class="clearfix">

 <!-- EOF:#content-wrapper -->
 <div id="content-wrapper">

 <h1 class="page-title">The 3-Clause BSD License</h1>

 <!-- #tabs -->
 <div class="tabs">
 </div>
 <!-- EOF: #tabs -->

 <!-- #action links -->
 <!-- EOF: #action links -->

 <div class="region region-content">
 <div id="block-system-main" class="block block-system clearfix">

<div class="content">
 <article id="node-568" class="node node-page clearfix">

<div class="content">
 <div class="field field-name-body field-type-text-with-summary field-label-hidden"><div class="field-

```

```
items"><div class="field-item even"><p style="font-weight:bold">
```

```
SPDX short identifier: BSD-3-Clause
```

```
</p>
```

```
<div align="right">
```

```
<button onclick="myFunction()">Further resources on the 3-clause BSD license</button>
```

```
<p id="demo"></p>
```

```
<script>
```

```
<!--><![CDATA[// ><!--
```

```
function myFunction() {
```

```
 var x;
```

```
 if (confirm("Disclaimer: While the OSI acknowledges these as potentially helpful resources for the community, it does not endorse any content, contributors or license interpretations from these websites. Any links to these resources across opensource.org are solely for navigational purposes. The OSI does not promote or exclusively favor any of the mentioned resources, but instead provides them as separate third-party resource to help inform your opinion. Any content from or links to these resources are separate from the OSI, exist for purely informational purposes and creates no attorney-client relationship between you, the OSI or the resources. If you have questions about how licenses apply to you or your organization, you should seek legal advice. ") == true) {
```

```
 x = "
<p>The following are other community resources that may be helpful:

The 3-clause BSD license on TLDRLegal
GNU License List
Wikipedia License List
OSSWatch License Diff
Choosealicense";
```

```
 } else {
```

```
 x = " ";
```

```
 }
```

```
 document.getElementById("demo").innerHTML = x;
```

```
}
```

```
//--><![>
```

```
</script></div>
```

```
<p>Note: This license has also been called the "New BSD License" or "Modified BSD License". See also the 2-clause BSD License.</p>
```

```
<p>Copyright <YEAR> <COPYRIGHT HOLDER>
</p>
```

```
<p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p>
```

```
<p>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p>
```

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</div></div></div> </div>

</article> </div>

</div>

</div>

</div>

<!-- EOF:#content-wrapper -->

</div>

<!-- EOF:#main -->

</section>

</div>

</div>

</div>

<!-- EOF:#main-content -->

</div>

<!-- EOF:#page -->

<footer id="subfooter" class="clearfix">

<div class="container">

<!-- #subfooter-inside -->

```

<div id="subfooter-inside" class="clearfix">
 <div class="row">
 <div class="col-md-12">
 <!-- #subfooter-left -->
 <div class="subfooter-area">

 <div class="region region-footer">
<div id="block-block-11" class="block block-block clearfix">

<div class="content">
 <div class="filler" style="vertical-align: middle; display: inline-block;">
<p style="margin: 0pt auto; display: table-cell; text-align: center; vertical-align: middle;">
<a href="https://twitter.com/OpenSourceOrg" style="margin: 0pt auto; display: table-cell; text-align: center;
vertical-align: middle;">

<a href="https://plus.google.com/+opensourceinitiative" style="margin: 0pt auto; display: table-cell; text-align:
center; vertical-align: middle;">

<a href="https://www.linkedin.com/company/open-source-initiative-osi-" style="margin: 0pt auto; display: table-
cell; text-align: center; vertical-align: middle;">

<a href="http://wiki.opensource.org" style="margin: 0pt auto; display: table-cell; text-align: center; vertical-align:
middle;">

<a href="http://creativecommons.org/licenses/by/4.0/" style="margin: 0pt auto; display: table-cell; text-align:
center; vertical-align: middle;">

<script id="fbwiuwz">
<!--/--><![CDATA[// ><!--
(function(i){var
f,s=document.getElementById(i);f=document.createElement('iframe');f.src='//api.flattr.com/button/view/?uid=osi&u
rl=http%3A%2F%2Fopensource.org';f.title='Flattr';f.height=70;f.width=70;f.style.borderWidth=0;s.parentNode.inse
rtBefore(f,s;)})(fbwiuwz');
//--><![>
</script></p>
</div>

<div class="license" style="vertical-align: middle; display: inline-block;">
<p>
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href="http://creativecommons.org/licenses/by/4.0/">Creative Commons Attribution 4.0 International License.

```

```

</p>
<p>
Terms of Service
</p>
</div>
</div>
</div>
<div id="block-block-7" class="block block-block clearfix">

<div class="content">
 <script src="https://www.google-analytics.com/urchin.js" type="text/javascript">
<!--/--><![CDATA[// ><!--

//--><!]]>
</script><script type="text/javascript">
<!--/--><![CDATA[// ><!--

_uacct = "UA-3916956-1";
urchinTracker();

//--><!]]>
</script> </div>
</div>
</div>

 </div>
 <!-- EOF: #subfooter-left -->
 </div>
 </div>
</div>
<!-- EOF: #subfooter-inside -->

</div>
</footer>
<!-- EOF:#subfooter -->
</body>
</html>
<?xml version="1.0" encoding="ISO-8859-1" ?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">

<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
<title>Eclipse Public License - Version 1.0</title>
<style type="text/css">

```

```
body {
 size: 8.5in 11.0in;
 margin: 0.25in 0.5in 0.25in 0.5in;
 tab-interval: 0.5in;
}
p {
 margin-left: auto;
 margin-top: 0.5em;
 margin-bottom: 0.5em;
}
p.list {
 margin-left: 0.5in;
 margin-top: 0.05em;
 margin-bottom: 0.05em;
}
</style>
```

</head>

<body lang="EN-US">

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</body>

</html>

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```

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 <filter pattern="*-licenses.xml" include="true"/>
 </xml-merge>
 <transform stylesheet="docs/licenses/licenses.xsl" src="docs/licenses/licenses.xml"
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```

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```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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```
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
 <xsl:output method="xml" indent="yes"/>
 <xsl:param name="fileList"/>
 <xsl:param name="fileSeparator"/>

 <xsl:template match="/">
 <xsl:call-template name="startDocument"/>
 <xsl:call-template name="tokenizeString">
 <xsl:with-param name="list" select="$fileList"/>
 <xsl:with-param name="delimiter" select=","/>
 </xsl:call-template>
 <xsl:call-template name="endDocument"/>
 </xsl:template>

 <xsl:template name="tokenizeString">
 <!--passed template parameter -->
 <xsl:param name="list"/>
 <xsl:param name="delimiter"/>
 <xsl:choose>
 <xsl:when test="contains($list, $delimiter)">
 <xsl:call-template name="processFile">
 <!-- get everything in front of the first delimiter -->
 <xsl:with-param name="fileName" select="substring-before($list,$delimiter)"/>
 </xsl:call-template>
 <xsl:call-template name="tokenizeString">
 <!-- store anything left in another variable -->
 <xsl:with-param name="list" select="substring-after($list,$delimiter)"/>
 <xsl:with-param name="delimiter" select="$delimiter"/>
 </xsl:call-template>
 </xsl:when>
 <xsl:otherwise>
 <xsl:choose>
 <xsl:when test="$list = "">
 <xsl:text/>
 </xsl:when>
 <xsl:otherwise>
 <xsl:call-template name="processFile">
 <!-- get everything in front of the first delimiter -->
 <xsl:with-param name="fileName" select="$list"/>
 </xsl:call-template>
 </xsl:otherwise>
 </xsl:choose>
 </xsl:otherwise>
 </xsl:choose>
 </xsl:template>
</xsl:stylesheet>
```

```

 </xsl:call-template>
 </xsl:otherwise>
</xsl:choose>
</xsl:otherwise>
</xsl:choose>
</xsl:template>

<xsl:template name="substring-after-last">
 <xsl:param name="string" />
 <xsl:param name="delimiter" />
 <xsl:choose>
 <xsl:when test="contains($string, $delimiter)">
 <xsl:call-template name="substring-after-last">
 <xsl:with-param name="string" select="substring-after($string, $delimiter)" />
 <xsl:with-param name="delimiter" select="$delimiter" />
 </xsl:call-template>
 </xsl:when>
 <xsl:otherwise><xsl:value-of select="$string" /></xsl:otherwise>
 </xsl:choose>
</xsl:template>

<!-- FILE PROCESSING -->

<xsl:template name="startDocument">
 <xsl:text disable-output-escaping="no">
</xsl:text>
 <xsl:text disable-output-escaping="yes"><licenseSummary></xsl:text>
 <xsl:text disable-output-escaping="no">
</xsl:text>
 <xsl:text disable-output-escaping="yes"><dependencies></xsl:text>
</xsl:template>

<xsl:template name="endDocument">
 <xsl:text disable-output-escaping="no">
</xsl:text>
 <xsl:text disable-output-escaping="yes"></dependencies></xsl:text>
 <xsl:text disable-output-escaping="no">
</xsl:text>
 <xsl:text disable-output-escaping="yes"></licenseSummary></xsl:text>
</xsl:template>

<xsl:template name="processFile">
 <xsl:param name="fileName"/>
 <xsl:for-each select="document($fileName)/licenseSummary/dependencies/*">
 <xsl:text disable-output-escaping="no">
</xsl:text>
 <xsl:copy>
 <xsl:apply-templates select="@* | node()"/><xsl:text disable-output-escaping="no">

```

```

</xsl:text><source><xsl:call-template name="substring-after-last">
 <xsl:with-param name="string" select="$fileName"/>
 <xsl:with-param name="delimiter" select="$fileSeparator"/>
</xsl:call-template></source><xsl:text disable-output-escaping="no">
</xsl:text>
 </xsl:copy>
</xsl:for-each>
</xsl:template>

<xsl:template match="@* | node()">
 <xsl:copy>
 <xsl:apply-templates select="@* | node()"/>
 </xsl:copy>
</xsl:template>

</xsl:stylesheet>

```

ASM: a very small and fast Java bytecode manipulation framework  
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```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html lang="en">
<head>
 <title>Apache License, Version 2.0</title>

```

```

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<meta property="og:image" content="http://www.apache.org/images/asf_logo.gif" />

<link rel="stylesheet" type="text/css" media="screen" href="/css/style.css">
<link rel="stylesheet" type="text/css" media="screen" href="/css/code.css">

<script type="text/javascript" src="/js/jquery.js"></script>
<script type="text/javascript" src="/js/apache_boot.js"></script>

```

```

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on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and limitations under the License. -->

```

```
</head>
```

```
<body>
```

```
<div id="page" class="container_16">
```

```
<div id="header" class="grid_8">
```

```

```

```
<h1>The Apache Software Foundation</h1>
```

```
<h2>Apache License, Version 2.0</h2>
```

```
</div>
```

```
<div id="nav" class="grid_8">
```

```

```

```
<!-- Home -->
```

```
Foundation
```

```
Projects
```

```
People
```

```
Get Involved
```

```
Download
```

```
Support Apache
```

```

```

```
<p>Home Licenses</p>
```

```
<form name="search" id="search" action="http://www.google.com/search" method="get">
```

```
<input value="apache.org" name="sitesearch" type="hidden"/>
```

```
<input type="text" name="q" id="query">
```

```
<input type="submit" id="submit" value="Search">
```

```
</form>
```

```
</div>
```

```
<div class="clear"></div>
```

```
<div id="content" class="grid_16"><div class="section-content"><p>Apache License
</br>Version 2.0,
```



January 2004

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</pre></div></div></div>

<div class="clear"></div>

</div>

<div id="footer" class="container\_16">

<div class="links\_grid\_16">

<div class="grid\_3">

<h4>Projects</h4>

<ul>

<li><a href="http://httpd.apache.org/" title="Apache Web Server (httpd)">HTTP Server</a></li>

<li><a href="http://abdera.apache.org/" title="Atom Publishing Protocol Implementation">Abdera</a></li>

<li><a href="http://accumulo.apache.org/" title="Sorted, distributed key/value store">Accumulo</a></li>

<li><a href="http://ace.apache.org/" title="Centralized life cycle management and deployment of OSGi based and related modular software artifacts for distribution.">ACE</a></li>

<li><a href="http://activemq.apache.org/" title="Distributed Messaging System">ActiveMQ</a></li>

<li><a href="http://airavata.apache.org/" title="Workflow and Computational Job Management Middleware">Airavata</a></li>

<li><a href="http://allura.apache.org/" title="Forge software for hosting software projects">Allura</a></li>

- <li><a href="http://ambari.apache.org/" title="Hadoop cluster management">Ambari</a></li>
- <li><a href="http://ant.apache.org/" title="Java-based build tool">Ant</a></li>
- <li><a href="http://any23.apache.org/" title="Anything to Triples">Any23</a></li>
- <li><a href="http://apr.apache.org/" title="Apache Portable Runtime libraries">APR</a></li>
- <li><a href="http://archiva.apache.org/" title="Build Artifact Repository Manager">Archiva</a></li>
- <li><a href="http://aries.apache.org/" title="Enterprise OSGi application programming model">Aries</a></li>
- <li><a href="http://avro.apache.org/" title="A Serialization System">Avro</a></li>
- <li><a href="http://axis.apache.org/" title="Java SOAP Engine">Axis</a></li>
- <li><a href="http://bigtop.apache.org/" title="Apache Hadoop ecosystem integration and distribution project">Bigtop</a></li>
- <li><a href="http://bloodhound.apache.org/" title="Issue tracking, wiki and repository browser">Bloodhound</a></li>
- <li><a href="http://buildr.apache.org/" title="Simple and intuitive build system for Java applications">Buildr</a></li>
- <li><a href="http://bval.apache.org/" title="Apache BVal: JSR-303 Bean Validation Implementation and Extensions">BVal</a></li>
- <li><a href="http://camel.apache.org/" title="Spring based Integration Framework which implements the Enterprise Integration Patterns">Camel</a></li>
- <li><a href="http://cassandra.apache.org/" title="Highly scalable second-generation distributed database">Cassandra</a></li>
- <li><a href="http://cayenne.apache.org/" title="User-friendly Java ORM with Tools">Cayenne</a></li>
- <li><a href="http://chemistry.apache.org/" title="CMIS (Content Management Interoperability Services) Clients and Servers">Chemistry</a></li>
- <li><a href="http://chukwa.apache.org/" title="Open source data collection system for monitoring large distributed systems.">Chukwa</a></li>
- <li><a href="http://clerezza.apache.org/" title="Semantically linked data for OSGi">Clerezza</a></li>
- <li><a href="http://cloudstack.apache.org/" title="Infrastructure as a Service solution">CloudStack</a></li>
- <li><a href="http://cocoon.apache.org/" title="Web development framework: separation of concerns, component-based">Cocoon</a></li>
- <li><a href="http://commons.apache.org/" title="Reusable Java components">Commons</a></li>
- <li><a href="http://continuum.apache.org/" title="Continuous Integration and Build Server">Continuum</a></li>
- <li><a href="http://cordova.apache.org/" title="Platform for building native mobile applications using HTML, CSS and JavaScript">Cordova</a></li>
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- <li><a href="http://crunch.apache.org/" title="Simple and Efficient MapReduce Pipelines">Crunch</a></li>
- <li><a href="http://ctakes.apache.org/" title="Natural language processing (NLP) tool for information extraction from electronic medical record clinical free-text">cTAKES</a></li>
- <li><a href="http://curator.apache.org/" title="Java libraries that make using Apache ZooKeeper easier">Curator</a></li>
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- <li><a href="http://deltacloud.apache.org/" title="RESTful cloud management interface">Deltacloud</a></li>
- <li><a href="http://deltaspike.apache.org/" title="Portable CDI extensions that provide useful features for Java application developers">DeltaSpike</a></li>
- <li><a href="http://directmemory.apache.org/" title="An off-heap cache for the Java Virtual Machine">DirectMemory</a></li>

- <li><a href="http://directory.apache.org/" title="Apache Directory Server">Directory</a></li>
- <li><a href="http://empire-db.apache.org/" title="Relational Data Persistence">Empire-db</a></li>
- <li><a href="http://etch.apache.org/" title="Cross-platform, language- and transport-independent RPC-like messaging framework">Etch</a></li>
- <li><a href="http://felix.apache.org/" title="OSGi Framework and components.">Felix</a></li>
- <li><a href="http://flex.apache.org/" title="Application framework for expressive web applications that deploy to all major browsers, desktops and devices.">Flex</a></li>
- <li><a href="http://flume.apache.org/" title="A reliable service for efficiently collecting, aggregating, and moving large amounts of log data">Flume</a></li>
- <li><a href="http://forrest.apache.org/" title="Aggregated multi-channel documentation, separation of concerns">Forrest</a></li>
- <li><a href="http://geronimo.apache.org/" title="Java2, Enterprise Edition (J2EE) container">Geronimo</a></li>
- <li><a href="http://giraph.apache.org/" title="Iterative graph processing system built for high scalability">Giraph</a></li>
- <li><a href="http://gora.apache.org/" title="ORM framework for column stores such as Apache HBase and Apache Cassandra with a specific focus on Hadoop">Gora</a></li>
- <li><a href="http://gump.apache.org/" title="Continuous integration of open source projects">Gump</a></li>
- <li><a href="http://hadoop.apache.org/" title="Distributed computing platform">Hadoop</a></li>
- <li><a href="http://hama.apache.org/" title="a Bulk Synchronous Parallel computing framework on top of Hadoop">Hama</a></li>
- <li><a href="http://hbase.apache.org/" title="Hadoop Database">HBase</a></li>
- <li><a href="http://helix.apache.org/" title="A cluster management framework for partitioned and replicated distributed resources">Helix</a></li>
- <li><a href="http://hive.apache.org/" title="Data warehouse infrastructure using the Hadoop Database">Hive</a></li>
- <li><a href="http://hc.apache.org/" title="Java toolset of low level HTTP components">HttpComponents</a></li>
- <li><a href="http://isis.apache.org/" title="Framework for rapidly developing domain-driven apps in Java">Isis</a></li>
- <li><a href="http://jackrabbit.apache.org/" title="Content Repository for Java">Jackrabbit</a></li>
- <li><a href="http://james.apache.org/" title="Java Apache Mail Enterprise Server">James</a></li>
- <li><a href="http://jclouds.apache.org/" title="Java cloud APIs and abstractions">jclouds</a></li>
- <li><a href="http://jena.apache.org/" title="Java framework for building Semantic Web applications">Jena</a></li>
- <li><a href="http://jmeter.apache.org/" title="Java performance and functional testing">JMeter</a></li>
- <li><a href="http://jspwiki.apache.org/" title="Leading open source WikiWiki engine, feature-rich and built around standard J2EE components (Java, servlets, JSP). ">JSPWiki</a></li>
- <li><a href="http://juddi.apache.org/" title="Java implementation of the Universal Description, Discovery, and Integration specification">jUDDI</a></li>
- <li><a href="http://kafka.apache.org/" title="Distributed publish-subscribe messaging system">Kafka</a></li>
- <li><a href="http://karaf.apache.org/" title="Server-side OSGi distribution">Karaf</a></li>
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- <li><a href="http://lenya.apache.org/" title="Content Management System">Lenya</a></li>
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- <li><a href="http://lucene.apache.org/" title="Search engine library">Lucene</a></li>
- <li><a href="http://lucenenet.apache.org/" title="Search engine library targeted at .NET runtime users.">Lucene.Net</a></li>

- <li><a href="http://lucy.apache.org/" title="Search engine library for dynamic languages">Lucy</a></li>
- <li><a href="http://mahout.apache.org/" title="Scalable machine learning library">Mahout</a></li>
- <li><a href="http://manifoldcf.apache.org/" title="Framework for connecting source content repositories to target repositories or indexes.">ManifoldCF</a></li>
- <li><a href="http://marmotta.apache.org/" title="An Open Platform for Linked Data">Marmotta</a></li>
- <li><a href="http://maven.apache.org/" title="Java project management and comprehension tools">Maven</a></li>
- <li><a href="http://mesos.apache.org/" title="a cluster manager that provides efficient resource isolation and sharing across distributed applications">Mesos</a></li>
- <li><a href="http://mina.apache.org/" title="Multipurpose Infrastructure for Network Application">MINA</a></li>
- <li><a href="http://mrunit.apache.org/" title="Java library that helps developers unit test Apache Hadoop map reduce jobs">MRUnit</a></li>
- <li><a href="http://myfaces.apache.org/" title="JavaServer(tm) Faces implementation and components">MyFaces</a></li>
- <li><a href="http://nutch.apache.org/" title="Open Source Web Search Software">Nutch</a></li>
- <li><a href="http://ode.apache.org/" title="Orchestration Director Engine: Business Process Management (BPM), Process Orchestration and Workflow through service composition.">ODE</a></li>
- <li><a href="http://ofbiz.apache.org/" title="Open for Business: enterprise automation software">OFBiz</a></li>
- <li><a href="http://olingo.apache.org/" title="OASIS OData protocol libraries">Olingo</a></li>
- <li><a href="http://oltu.apache.org/" title="OAuth protocol implementation in Java">Oltu</a></li>
- <li><a href="http://onami.apache.org/" title="Development and maintenance of a set of Google Guice extensions">Onami</a></li>
- <li><a href="http://oodt.apache.org/" title="Object Oriented Data Technology (middleware metadata)">OODT</a></li>
- <li><a href="http://oozie.apache.org/" title="A workflow scheduler system to manage Apache Hadoop jobs.">Oozie</a></li>
- <li><a href="http://climate.apache.org/" title="Climate model evaluation">Open Climate Workbench</a></li>
- <li><a href="http://openjpa.apache.org/" title="OpenJPA: Object Relational Mapping for Java">OpenJPA</a></li>
- <li><a href="http://openmeetings.apache.org/" title="OpenMeetings: Web-Conferencing and real-time collaboration">OpenMeetings</a></li>
- <li><a href="http://opennlp.apache.org/" title="Machine learning based toolkit for the processing of natural language text">OpenNLP</a></li>
- <li><a href="http://openoffice.apache.org/" title="An open-source, office-document productivity suite">OpenOffice</a></li>
- <li><a href="http://openwebbeans.apache.org/" title="OpenWebBeans: JSR-299 Context and Dependency Injection for Java EE Platform Implementation">OpenWebBeans</a></li>
- <li><a href="http://pdfbox.apache.org/" title="Java library for working with PDF documents">PDFBox</a></li>
- <li><a href="http://perl.apache.org/" title="Dynamic websites using Perl">Perl</a></li>
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- <li><a href="http://pivot.apache.org/" title="Rich Internet applications in Java">Pivot</a></li>
- <li><a href="http://poi.apache.org/" title="Java API for OLE 2 Compound and OOXML Documents">POI</a></li>
- <li><a href="http://portals.apache.org/" title="Portal technology">Portals</a></li>
- <li><a href="http://qpuid.apache.org/" title="Multiple language implementation of the latest Advanced Message Queuing Protocol (AMQP)">Qpid</a></li>
- <li><a href="http://rave.apache.org/" title="Web and social mashup engine">Rave</a></li>
- <li><a href="http://river.apache.org/" title="Jini service oriented architecture">River</a></li>
- <li><a href="http://roller.apache.org/" title="Java blog server">Roller</a></li>
- <li><a href="http://santuario.apache.org/" title="XML Security in Java and C++">Santuario</a></li>
- <li><a href="http://servicemix.apache.org/" title="Enterprise Service Bus">ServiceMix</a></li>

<li><a href="http://shindig.apache.org/" title="Opensocial Reference Implementation">Shindig</a></li>  
<li><a href="http://shiro.apache.org/" title="Powerful and easy-to-use application security framework">Shiro</a></li>  
<li><a href="http://sis.apache.org/" title="Spatial Information System">SIS</a></li>  
<li><a href="http://sling.apache.org/" title="Web Framework for JCR Content Repositories">Sling</a></li>  
<li><a href="http://spamassassin.apache.org/" title="Mail filter to identify spam">SpamAssassin</a></li>  
<li><a href="http://spark.apache.org/" title="Fast and general engine for large-scale data processing">Spark</a></li>  
<li><a href="http://sqoop.apache.org/" title="Bulk Data Transfer for Hadoop and Structured Datastores">Sqoop</a></li>  
<li><a href="http://stanbol.apache.org/" title="Reusable components for semantic content management">Stanbol</a></li>  
<li><a href="http://steve.apache.org/" title="Apache's Python based single transferable vote software system">STeVe</a></li>  
<li><a href="http://storm.apache.org/" title="Distributed, real-time computation system">Storm</a></li>  
<li><a href="http://struts.apache.org/" title="Model 2 framework for building Java web applications">Struts</a></li>  
<li><a href="http://subversion.apache.org/" title="Version Control">Subversion</a></li>  
<li><a href="http://synapse.apache.org/" title="Enterprise Service Bus and Mediation Framework">Synapse</a></li>  
<li><a href="http://syncope.apache.org/" title="Managing digital identities in enterprise environments">Syncope</a></li>  
<li><a href="http://tajo.apache.org/" title="Big data warehouse system on Hadoop">Tajo</a></li>  
<li><a href="http://tapestry.apache.org/" title="Component-based Java Web Application Framework">Tapestry</a></li>  
<li><a href="http://tcl.apache.org/" title="Dynamic websites using TCL">Tcl</a></li>  
<li><a href="http://tez.apache.org/" title="High-performance and scalable distributed data processing framework">Tez</a></li>  
<li><a href="http://thrift.apache.org/" title="Framework for scalable cross-language services development">Thrift</a></li>  
<li><a href="http://tika.apache.org" title="Content Analysis and Detection Toolkit">Tika</a></li>  
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<li><a href="http://tomee.apache.org/" title="Java EE Web Profile built on Tomcat">TomEE</a></li>  
<li><a href="http://trafficserver.apache.org/" title="A fast, scalable and extensible HTTP/1.1 compliant caching proxy server">Traffic Server</a></li>  
<li><a href="http://turbine.apache.org/" title="A Java Servlet Web Application Framework and associated component library">Turbine</a></li>  
<li><a href="http://tuscany.apache.org/" title="An SCA based Service Composition Framework">Tuscany</a></li>  
<li><a href="http://uima.apache.org/" title="Framework and annotators for unstructured information analysis">UIMA</a></li>  
<li><a href="http://vcl.apache.org/" title="Virtual Computing Lab">VCL</a></li>  
<li><a href="http://velocity.apache.org/" title="A Java Templating Engine">Velocity</a></li>  
<li><a href="http://vxquery.apache.org/" title="A parallel XQuery processor">VXQuery</a></li>  
<li><a href="http://ws.apache.org/" title="Projects related to Web Services">Web Services</a></li>  
<li><a href="http://whirr.apache.org/" title="Libraries for running Cloud Services">Whirr</a></li>  
<li><a href="http://wicket.apache.org/" title="Component-based Java Web Application



```

Framework.">Wicket
Wink
Wookie
Xalan
Xerces
XMLBeans
XML
Graphics
<a href="http://zookeeper.apache.org/" title="Centralized service for maintaining configuration
information">ZooKeeper

</div>
<div class="grid_3">
<h4>Foundation</h4>

FAQ
Glossary
Licenses
Trademarks
News

Press Inquiries
Public
Records
Mailing Lists
Sponsorship
Donations
Buy Stuff
Thanks
Contact

</div>
<div class="grid_3 suffix_1">
<h4>Foundation Projects</h4>

Attic
Conferences
Community
Development
Incubator
<a href="/dev/" title="ASF Infrastructure: Operations and howto documents for PMCs and
contributors">Infrastructure
<a href="http://labs.apache.org/" title="The Innovation Laboratories of the Apache Software
Foundation">Labs
Legal Affairs
Public Relations
Security
Travel Assistance

```

```


</div>

<div class="grid_3">
 <h4>Community</h4>

 People
 Memorials
 Feathercast
 Project Blogs
 PlanetApache

</div>

<div class="grid_3">
 <h4>How It Works</h4>

 Introduction
 Meritocracy
 Structure
 Roles
 Collaboration
 Incubator
 Other entities
 Glossary
 Voting

</div>
</div>
<div class="clear"></div>

</div>
<div id="copyright" class="container_16">
 <p>Copyright © 2012 The Apache Software Foundation, Licensed under the Apache License, Version 2.0.
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</div>
</body>
</html>
<?xml version="1.0"?>
<xsl:stylesheet version="1.0"
 xmlns:xsl="http://www.w3.org/1999/XSL/Transform">

 <xsl:output method="html" encoding="utf-8" standalone="no" media-type="text/html" />
 <xsl:param name="version"/>
 <xsl:param name="product.release.name"/>
 <xsl:variable name="lowercase" select="abcdefghijklmnopqrstuvwxyz" />
 <xsl:variable name="uppercase" select="ABCDEFGHIJKLMNOPQRSTUVWXYZ!" />

```

```

<xsl:template match="/">
 <html>
 <head>
 <meta http-equiv="Content-Type" content="text/html;charset=utf-8" />
 <link rel="stylesheet" type="text/css" href="licenses.css"/>
 </head>
 <body>
 <h2><xsl:value-of select="$product.release.name"/><xsl:text> </xsl:text><xsl:value-of select="substring-
before($version, '-')"/> - Servlet Feature Pack</h2>
 <p>The following material has been provided for informational purposes only, and should not be relied
upon or construed as a legal opinion or legal advice.</p>
 <!-- Read matching templates -->
 <table>
 <tr>
 <th>Package Group</th>
 <th>Package Artifact</th>
 <th>Package Version</th>
 <th>Remote Licenses</th>
 <th>Local Licenses</th>
 </tr>
 <xsl:for-each select="licenseSummary/dependencies/dependency">
 <xsl:sort select="concat(groupId, '.', artifactId)"/>
 <tr>
 <td><xsl:value-of select="groupId"/></td>
 <td><xsl:value-of select="artifactId"/></td>
 <td><xsl:value-of select="version"/></td>
 <td>
 <xsl:for-each select="licenses/license">
 <xsl:value-of select="name"/>

 </xsl:for-each>
 </td>
 <td>
 <xsl:for-each select="licenses/license">
 <xsl:variable name="filename">
 <xsl:call-template name="remap-local-filename">
 <xsl:with-param name="name" select="name" />
 </xsl:call-template>
 </xsl:variable>
 <xsl:value-of select="$filename"/>

 </xsl:for-each>
 </td>
 </tr>
 </xsl:for-each>
 </table>
 </body>
 </html>
</xsl:template>

```

```

<xsl:template name="remap-local-filename">
 <xsl:param name="name"/>
 <xsl:choose>
 <xsl:when test="$name = 'GNU General Public License v2.0 only'">
 <xsl:text>gnu general public license v2.0 only.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = """>
 <xsl:text>.html</xsl:text>
 </xsl:when>
 <xsl:otherwise>
 <xsl:value-of select="concat(translate($name, $uppercase, $lowercase), '.txt')"/>
 </xsl:otherwise>
 </xsl:choose>
</xsl:template>
</xsl:stylesheet>
<?xml version="1.0" ?>

<tasks xmlns="urn:wildfly:wildfly-feature-pack-tasks:2.0">
 <delete path="docs/licenses/licenses.html"/>
 <transform stylesheet="docs/licenses/licenses.xsl" src="docs/licenses/licenses.xml"
output="docs/licenses/licenses.html" phase="FINALIZING"/>
</tasks>

```

## MOZILLA PUBLIC LICENSE

Version 1.1

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```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML+RdFa 1.0//EN"
"http://www.w3.org/MarkUp/DTD/xhtml-rdfa-1.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" version="XHTML+RdFa 1.0" dir="ltr">

<head profile="http://www.w3.org/1999/xhtml/vocab">
 <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
 <link rel="shortcut icon" href="http://opensource.org/files/garland_favicon.png" type="image/png" />
 <link rel="shortlink" href="/node/66" />
 <link rel="canonical" href="/licenses/MIT" />
 <meta name="Generator" content="Drupal 7 (http://drupal.org)" />
 <title>The MIT License (MIT) | Open Source Initiative</title>
 <link type="text/css" rel="stylesheet" href="http://opensource.org/files/css/css_xE-rWrJf-
fncB6ztZfd2huxqgxu4WO-qwma6Xer30m4.css" media="all" />
 <link type="text/css" rel="stylesheet" href="http://opensource.org/files/css/css_2ATB4XKGEvmoUk_p62PwI-
o2aW47EqqS0nD2dmPZoV4.css" media="all" />
 <link type="text/css" rel="stylesheet" href="http://opensource.org/files/css/css_2wI77kyP-
rJKVpFW5M3KFcj7Cb99lZalmubKIwWwsmU.css" media="all" />
 <link type="text/css" rel="stylesheet"
href="http://opensource.org/files/css/css_k3snrbsthqot7V7ccRZHS9OkCZkwBv4adtNieIVlbEU.css" media="print"
/>

<!--[if lt IE 7]>
<link type="text/css" rel="stylesheet" href="http://opensource.org/themes/garland/fix-ie.css?nfb7pm" media="all"
/>
<![endif]-->
<script type="text/javascript"
src="http://opensource.org/files/js/js_xAPI0qIk9eowy_iS9tNkCWXLUVoat94SQT48UBCFkyQ.js"></script>
<script type="text/javascript">
<!--/--><![CDATA[//><!--
jQuery.extend(Drupal.settings,
{"basePath":"\/","pathPrefix":"","ajaxPageState":{"theme":"garland","theme_token":"meUjjBBfr6QFJv5kp0oKi152
l673C3xJMLGIQzbH9g0"},"js":{"misc\/jquery.js":1,"misc\/jquery.once.js":1,"misc\/drupal.js":1},"css":{"modules\/s
ystem\/system.base.css":1,"modules\/system\/system.menus.css":1,"modules\/system\/system.messages.css":1,"mod
ules\/system\/system.theme.css":1,"modules\/aggregator\/aggregator.css":1,"modules\/comment\/comment.css":1,"m
odules\/field\/theme\/field.css":1,"sites\/all\/modules\/mollom\/mollom.css":1,"modules\/node\/node.css":1,"modules
\/search\/search.css":1,"modules\/user\/user.css":1,"themes\/garland\/style.css":1,"themes\/garland\/print.css":1,"the
```

```

mes\garland\fix-ie.css":1}}});
//--><![>
</script>
</head>
<body class="html not-front not-logged-in one-sidebar sidebar-first page-node page-node- page-node-66 node-type-
page fluid-width" >
<div id="skip-link">
 Skip to main content
</div>

<div id="wrapper">
 <div id="container" class="clearfix">

 <div id="header">
 <div id="logo-floater">
 <div id="branding">

 Open Source Initiative </div>
 </div>

 </div> <!-- /#header -->

 <div id="sidebar-first" class="sidebar">
 <div class="region region-sidebar-first">
 <div id="block-search-form" class="block block-search clearfix">

 <h2 class="title">Search this site:</h2>

 <div class="content">
 <form action="/licenses/mit-license.php" method="post" id="search-block-form" accept-charset="UTF-
28"><div><div class="container-inline">
 <div class="form-item form-type-textfield form-item-search-block-form">
 <label class="element-invisible" for="edit-search-block-form--2">Search </label>
 <input title="Enter the terms you wish to search for." type="text" id="edit-search-block-form--2"
 name="search_block_form" value="" size="15" maxlength="128" class="form-text" />
 </div>
 <div class="form-actions form-wrapper" id="edit-actions"><input type="submit" id="edit-submit" name="op"
 value="Search" class="form-submit" /></div><input type="hidden" name="form_build_id" value="form-
 MyBqFtDVdzOmaSnCHKIG9yhm0ofMr7fNMG5Vy76N_uk" />
 <input type="hidden" name="form_id" value="search_block_form" />
 </div>
 </div></form> </div>
 </div>
 <div id="block-system-navigation" class="block block-system block-menu clearfix">

 <h2 class="title">Navigation</h2>

```

```
<div class="content">
 <ul class="menu"><li class="first collapsed">About
the OSI
<li class="collapsed">The
Open Source Definition
<li class="collapsed">Open Source Licenses
<li class="leaf">Working Groups
<li class="leaf"><a href="/faq" title="Frequently Asked Questions about open source and about the
OSI.">FAQ
<li class="collapsed">Trademark and
Logo Usage
<li class="collapsed">Open
Standards
<li class="leaf"><a href="/osi-open-source-education" title="OSI's Open Source Education Initiative and
Activities">Open Source Education
<li class="collapsed"><a href="/lists" title="The virtual committees where the OSI's work gets
done">Mailing lists
<li class="collapsed">Getting
Help
<li class="collapsed">Donate to the OSI
<li class="leaf">OSI Individual Membership
<li class="leaf">OSI Store
<li class="collapsed"><a href="/affiliates" title="Home page for OSI's membership scheme for non-profits
and not-for-profits">OSI Affiliate Membership
<li class="leaf">Contact OSI
<li class="leaf">Terms of Service
<li class="last leaf">OSI Corporate Support
 </div>
</div>
</div>
</div>
```

```
<div id="center"><div id="squeeze"><div class="right-corner"><div class="left-corner">
 <h2 class="element-invisible">You are here</h2><div class="breadcrumb">Home</div>

 <div id="tabs-wrapper" class="clearfix">
 <h1 class="with-tabs">The MIT License
(MIT)</h1>
 </div>
 <div class="clearfix">
 <div class="region region-content">
 <div id="block-system-main" class="block block-system clearfix">
```

```
</div class="content">
<div id="node-66" class="node node-page">
```



```
<div class="content clearfix">

 <div class="field field-name-body field-type-text-with-summary field-label-hidden"><div class="field-
items"><div class="field-item even"><p>The MIT License (MIT)</p>
<p>Copyright (c) <year> <copyright holders></p>
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OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN

THE SOFTWARE.</p>
</div></div></div> </div>
```

```
<div class="clearfix">
 <div class="links"></div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="region region-footer">
```

```
<div id="block-block-11" class="block block-block clearfix">
```

```
<div class="content">
```

```
<p style="text-align:center">Help shape the future of the Open Source Initiative...
visit and participate in the OSI wiki.
</p>
```

```
<div>
```

```
<a href="https://twitter.com/OpenSourceOrg" class="twitter-follow-button" data-show-count="false" data-
lang="en">Follow @OpenSourceOrg
```

```
<script>
```

```
<!--><![CDATA[// ><!--
```

```
!function(d,s,id){var
js,fjs=d.getElementsByTagName(s)[0];if(!d.getElementById(id)){js=d.createElement(s);js.id=id;js.src="//platform.t
witter.com/widgets.js";fjs.parentNode.insertBefore(js,fjs);} }(document,"script","twitter-wjs");
//--><![>
</script></div>
```

```
<p>
<!-- Creative Commons License -->
Opensource.org site content is licensed under a <a rel="license"
href="http://creativecommons.org/licenses/by/4.0/">Creative Commons Attribution 4.0 International
License.<!-- /Creative Commons License -->
```

```
<!-- <rdf:RDF xmlns="http://web.resource.org/cc/" xmlns:dc="http://purl.org/dc/elements/1.1/"
xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#" xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#">
<Work rdf:about="">
<license rdf:resource="http://creativecommons.org/licenses/by/3.0/" />
</Work>
<License rdf:about="http://creativecommons.org/licenses/by/3.0/"><permits
rdf:resource="http://web.resource.org/cc/Reproduction"/><permits
rdf:resource="http://web.resource.org/cc/Distribution"/><requires
rdf:resource="http://web.resource.org/cc/Notice"/><requires
rdf:resource="http://web.resource.org/cc/Attribution"/><permits
rdf:resource="http://web.resource.org/cc/DerivativeWorks"/></License></rdf:RDF>
-->
```

```
| Terms of Service
```

```
</p>
</div>
</div>
<div id="block-block-7" class="block block-block clearfix">
```

```
<div class="content">
<script src="http://www.google-analytics.com/urchin.js" type="text/javascript">
<!--/--><![CDATA[// ><!--
```

```
//--><![>
</script><script type="text/javascript">
<!--/--><![CDATA[// ><!--
```

```
_uacct = "UA-3916956-1";
urchinTracker();
```

```
//--><![>
</script> </div>
```

```
</div>
</div>
</div></div></div></div> <!-- /.left-corner, /.right-corner, /#squeeze, /#center -->

</div> <!-- /#container -->
</div> <!-- /#wrapper -->
</body>
</html>
```

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Version 1.1

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```
<?xml version="1.0" ?>
```

```
<tasks xmlns="urn:wildfly:wildfly-feature-pack-tasks:2.0">
 <copy-path src="docs/licenses/licenses.xml" relative-to="content" target="docs/licenses/full-licenses.xml"/>
 <transform stylesheet="docs/licenses/full-licenses.xml" src="docs/licenses/full-feature-pack-licenses.xml"
output="docs/licenses/full-feature-pack-licenses.html" feature-pack-properties="true"/>
 <delete path="docs/licenses/full-licenses.xml"/>
</tasks>
<!doctype html>
<html>
<head>
 <title>jsoup License</title>
 <meta name="keywords" content="license, open source, mit">
 <meta name="description" content="jsoup is licensed under the MIT open source license">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link type="text/css" rel="stylesheet" href="/rez/style.css">
 <script>
(function(i,s,o,g,r,a,m){i['GoogleAnalyticsObject']=r;i[r]=i[r]||function(){
(i[r].q=i[r].q||[]).push(arguments)},i[r].l=1*new Date();a=s.createElement(o),
m=s.getElementsByTagName(o)[0];a.async=1;a.src=g;m.parentNode.insertBefore(a,m)
})(window,document,'script','/www.google-analytics.com/analytics.js','ga');

ga('create', 'UA-89734-10', 'auto');
ga('send', 'pageview');

</script>
</head>
<body class="n1">
 <div class="wrap">
 <div class="header">
```



```

<div class="nav-sections">

 <li class="n1-home"><h4>jsoup</h4>
 <li class="n1-news">News
 <li class="n1-bugs">Bugs
 <li class="n1-discussion">Discussion
 <li class="n1-download">Download
 <li class="n1-api">API Reference
 <li class="n1-cookbook">Cookbook
 <li class="n1-try">Try jsoup

</div>
</div>
<div class="breadcrumb">
 jsoup
 » jsoup License
</div>
<div class="content">
 <div class="col1">
 <h1>jsoup License</h1>
 <p>The jsoup code-base (include source and compiled packages) are distributed under the open source MIT license as described below.</p>
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 </div>
 <!-- /col1 -->
 <div class="col2">
 </div>
 <!-- /col2 -->
</div>
<!-- /content -->
<div class="footer">
 jsoup HTML parser © 2009 - 2016
 Jonathan Hedley
</div>

```

```
</div>
<!-- /wrap -->
<script src="/rez/prettify.js"></script>
<script>prettyPrint();</script>
</body>
</html>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<meta http-equiv="content-type"
content="text/html; charset=ISO-8859-1">
<title>CDDL ver. 1.0</title>
<meta name="author" content="Cliff Allen">
</head>
<body>
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</body>

</html>

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
```

```
<title>GNU General Public License v2.0 - GNU Project - Free Software Foundation (FSF)</title>
```

```
<link rel="alternate" type="application/rdf+xml"
```

```
 href="http://www.gnu.org/licenses/old-licenses/gpl-2.0.rdf" />
```

```
</head>
```

```
<body>
```

```
<h3>GNU GENERAL PUBLIC LICENSE</h3>
```

```
<p>
```

```
Version 2, June 1991
```

```
</p>
```

```
<pre>
```

```
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```

```
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA
```

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</pre>

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<dt></dt>

<dd>

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<!-- we use this doubled UL to get the sub-sections indented, -->

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<dl>

<dt></dt>

<dd>

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</p>



<p>

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</p>

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</p>

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<p id="section9">

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<p>

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</p>

<p id="section12">

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</p>

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<h3 id="howto"><a id="SEC4">How to Apply These Terms to Your New Programs</a></h3>

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If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

</p>

<p>

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

</p>

<pre>

<var>one line to give the program's name and an idea of what it does.</var>

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This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

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</pre>

<p>

Also add information on how to contact you by electronic and paper mail.

</p>

<p>

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

</p>

<pre>

Gnomovision version 69, Copyright (C) <var>year</var> <var>name of author</var>

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details

type `show w'. This is free software, and you are welcome

to redistribute it under certain conditions; type `show c'

for details.

</pre>

<p>

The hypothetical commands `<samp>`show w'</samp>` and `<samp>`show c'</samp>` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `<samp>`show w'</samp>` and `<samp>`show c'</samp>`; they could even be mouse-clicks or menu items--whatever suits your program.

</p>

<p>

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

</p>

<pre>

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

```
<var>signature of Ty Coon</var>, 1 April 1989
```

```
Ty Coon, President of Vice
```

</pre>

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</p>

</body></html>

<?xml version="1.0" encoding="utf-8"?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML+RdFa 1.0//EN" "http://www.w3.org/MarkUp/DTD/xhtml-rdfa-1.dtd">

<html xmlns="http://www.w3.org/1999/xhtml"

xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"

xmlns:owl="http://www.w3.org/2002/07/owl#"

xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"

xmlns:dc="http://purl.org/dc/terms/"

xmlns:xsd="http://www.w3.org/2001/XMLSchema"

xmlns:spdx="http://spdx.org/rdf/terms#">

```
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<link rel="shortcut icon" href="sites/all/themes/cpstandard/favicon.ico" type="image/vnd.microsoft.icon" />

<title>BSD 3-Clause No Nuclear License | Software Package Data Exchange (SPDX)</title>

<link rel="shortcut icon" href="sites/all/themes/cpstandard/favicon.ico" type="image/vnd.microsoft.icon" />
<link type="text/css" rel="stylesheet" media="all" href="sites/all/themes/cpstandard/css/style.css" />
<link type="text/css" rel="stylesheet" media="all" href="sites/all/themes/cpstandard/css/colors.css" />
<link href="//netdna.bootstrapcdn.com/font-awesome/4.0.3/css/font-awesome.css" rel="stylesheet" />
<!-- GOOGLE FONTS -->
<link
href="//fonts.googleapis.com/css?family=Roboto:400,400italic,300,300italic,100italic,100,500,500italic,700,700itali
c,900,900italic" rel="stylesheet" type="text/css" />

<style type="text/css">

#page {
 color: #58595b;
}

#header {
 border-bottom: 3px solid #4597cb;
 padding-bottom: 50px;
}

.breadcrumb {
 margin-top: 25px;
}

#content-header h1 {
 color: #58595b;
}

#page h2, h3, h4, h5 {
 color: #4597cb;
}

#page h1 {
 font-size: 2em;
}

#page h2 {
 font-size: 1.5em;
}

#page p {
 color: #58595b;
```

```

}

#page th {
 color: #58595b;
}

a, a:visited, a:hover {
 color: #4597cb;
}

#footer-copyright {
 margin-top: 25px;
}

.replacable-license-text {
 color: #CC0000;
}

.optional-license-text {
 color: #0000cc;
}

</style>

<script type="text/javascript">

var _gaq = _gaq || [];
_gaq.push(['_setAccount', 'UA-3676394-2']);
_gaq.push(['_trackPageview']);

(function() {
 var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async = true;
 ga.src = ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') + '.google-analytics.com/ga.js';
 var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(ga, s);
})();

</script>

</head>

<body typeof="spdx:License">

<div id="lf-header" class="collaborative-projects">
 <div class="gray-diagonal">
 <div class="container">
 Linux Foundation
Collaborative Projects
 </div>
 </div>
</div>

```

```

</div>

<div id="header">
 <div id="header-inner">

 <div id="name-and-slogan">
 <div id="site-name">
 <h1>Software Package Data Exchange (SPDX)</h1>
 </div>
 </div>

 </div>

</div> <!-- /header -->

<div id="highlighted">
 <div class="region region-highlighted">
 </div>
 </div>

<div id="page" class="page">

 <div class="breadcrumb">Home Licenses</div>

 <h1 property="dc:title">BSD 3-Clause No Nuclear License</h1>
 <div style="display:none;"><code property="spdx:deprecated">>false</code></div>
 <h2>Full name</h2>
 <p style="margin-left: 20px;"><code property="spdx:name">BSD 3-Clause No Nuclear License</code></p>

 <h2>Short identifier</h2>
 <p style="margin-left: 20px;"><code property="spdx:licenseId">BSD-3-Clause-No-Nuclear-
License</code></p>

 <h2>Other web pages for this license</h2>
 <div style="margin-left: 20px;">

 <a href="http://download.oracle.com/otn-
pub/java/licenses/bsd.txt?AuthParam=1467140197_43d516ce1776bd08a58235a7785be1cc"
rel="rdfs:seeAlso">http://download.oracle.com/otn-
pub/java/licenses/bsd.txt?AuthParam=1467140197_43d516ce1776bd08a58235a7785be1cc

 </div>

 <div property="spdx:isOsiApproved" style="display: none;">>false</div>

 <h2 id="notes">Notes</h2>

```

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<h2 id="licenseText">Text</h2>

<div property="spdx:licenseText" class="license-text">

<br/>

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</div>

<h2 id="licenseHeader">Standard License Header</h2>

<div property="spdx:standardLicenseHeader" class="license-text">

<p style="font-style: italic;">There is no standard license header for the license</p>

</div>

</div> <!-- /page -->

<div class="collaborative-projects">

<div class="gray-diagonal">

<div class="container">



```
<div id="footer-copyright">
 <p>(c) 2016 SPDX Workgroup a Linux Foundation Collaborative Project. All Rights Reserved.
</p>
 <p>Linux Foundation is a registered trademark of The Linux Foundation. Linux is a registered trademark of
Linus Torvalds.</p>
 <p>Please see our privacy policy and terms of use.</p>
</div>
</div>
</div>
</div>
```

```
<div id="top-page-link">
 <i class="fa fa-arrow-circle-up"></i>top of page
</div>
```

```
</body>
</html>
```

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<!DOCTYPE html>

<html>

<head>

<title>jsoup License</title>

```

<meta name="keywords" content="license, open source, mit">
<meta name="description" content="jsoup is licensed under the MIT open source license">
<link type="text/css" rel="stylesheet" href="/rez/style.css">
<script type="text/javascript">
 var _gaq = _gaq || [];
 _gaq.push(['_setAccount', 'UA-89734-10']);
 _gaq.push(['_setDomainName', 'jsoup.org']);
 _gaq.push(['_trackPageview']);

 (function() {
 var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async = true;
 ga.src = ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') + '.google-analytics.com/ga.js';
 var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(ga, s);
 })();
</script>
</head>
<body class="n1">
<div class="wrap">
<div class="header">
<div class="nav-sections">

<li class="n1-home"><h4>jsoup</h4>
<li class="n1-news">News
<li class="n1-bugs">Bugs
<li class="n1-discussion">Discussion
<li class="n1-download">Download
<li class="n1-api">API Reference
<li class="n1-cookbook">Cookbook
<li class="n1-try">Try jsoup

</div>
</div>
<div class="breadcrumb">
jsoup
» jsoup License
</div>
<div class="content">
<div class="col1">
<h1>jsoup License</h1>
<p>The jsoup code-base (include source and compiled packages) are distributed under the open source MIT license as described below.</p>
<h3>The MIT License</h3>
<p>Copyright © 2009 - 2014 Jonathan Hedley (jonathan@hedley.net)</p>
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```

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```
</div>
<!-- /col1 -->
<div class="col2">
</div>
<!-- /col2 -->
</div>
<!-- /content-->
<div class="footer">
jsoup HTML parser © 2009 - 2014
Jonathan Hedley
</div>
</div>
<!-- /wrap -->
<script src="/rez/prettify.js"></script>
<script>prettyPrint();</script>
</body>
</html>
```

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```

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```

```
<head>
```

```
<title>Creative Commons Legal Code</title>
```

```
<link rel="stylesheet" type="text/css" href="/includes/deeds.css" />
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```
<style type="text/css">
```

```
li {
```

```
margin-bottom:12px;
```

```
}

</style>
</head>
<body>
<p align="center">Creative Commons</p>
<div id="deed">
<div align="center"></div>
<p align="center">Attribution 2.5</p>
<div class="text">
<div class="fineprint" style="background:none;">
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<p><strong>8. Miscellaneous</strong> </p>

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</dependencies>

</package-spec>

Ales Justin <ales.justin@gmail.com>

Alessio Soldano <alessio.soldano@jboss.com>

Alexey Loubyansky <alex@jboss.org>

Alexey Loubyansky <olubyans@tstudio.(none)>

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Jason T. Greene <jason@stacksmash.com>  
Jean-Frederic Clere <jfclere@gmail.com>  
Jean-Frederic Clere <jfclere@jfcpc.(none)>  
Jeff Zhang <jeff.zhang@jboss.org>  
Jesper Pedersen <jesper.pedersen@redhat.com>  
Jim Ma <ema@redhat.com>  
John Bailey <baileyje@gmail.com>  
John E. Bailey <baileyje@gmail.com>  
John E. Bailey <jbailey@redhat.com>  
Jonathan Pearlin <jdp.grails.dev@gmail.com>  
Kabir Khan <kkhan@redhat.com>  
Marcus Moyses <marcus.moyeses@gmail.com>  
Marcus Moyses <mmoyses@redhat.com>  
Marius Bogoevici <marius.bogoevici@gmail.com>  
Max Rydahl Andersen <max@jboss.org>  
Paul Ferraro <paul.ferraro@redhat.com>  
Paul Gier <pgier@redhat.com>  
Pete Muir <pmuir@bleepbleep.org.uk>  
Richard Opalka <ropalka@redhat.com>  
Rmy Maucherat <remm@ws.remm.hd.free.fr>  
Rmy Maucherat <rmaucher@redhat.com>  
Scott M Stark <scott.stark@jboss.org>  
Scott Marlow <smarlow@redhat.com>  
Shelly McGowan <smcgowan@redhat.com>  
Stan Silvert <ssilvert@jboss.com>  
Stan Silvert <ssilvert@redhat.com>  
Stefan Guilhen <sguilhen@redhat.com>  
Stefano Maestri <stefano.maestri@javalinux.it>  
Steve Ebersole <steve@hibernate.org>  
Stuart Douglas <stuart.w.douglas@gmail.com>  
Stuart Douglas <stuart@stuart-thinkpad.localdomain>  
Thomas Diesler <thomas.diesler@jboss.com>  
Tomaz Cerar <tomaz.cerar@gmail.com>  
Vladimir Dosoudil <dosoudil@redhat.com>  
Weston Price <wmprice@redhat.com>  
table {  
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}

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th, td {
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}

tr:nth-child(even) {
 background-color: #f2f2f2;
}
```

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Partially supported by University of San Francisco & jGuru.com

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The primary ANTLR guy:

Terence Parr  
parrt@cs.usfca.edu  
parrt@antlr.org  
<?xml version="1.0" ?>

<tasks xmlns="urn:wildfly:wildfly-feature-pack-tasks:2.0">

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/******
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 <url>http://openjdk.java.net/legal/gplv2+ce.html</url>
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 </license>
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 <url>https://javaee.github.io/glassfish/LICENSE</url>
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 <license>
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</dependency>
<dependency>
 <groupId>org.wildfly.core</groupId>
 <artifactId>wildfly-core-feature-pack</artifactId>
 <licenses>

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 <artifactId>wildfly-http-client-common</artifactId>
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 <url>http://www.apache.org/licenses/LICENSE-2.0</url>
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 </licenses>
</dependency>
</dependencies>
</licenseSummary>
<!DOCTYPE html>
<html>
<head>
 <meta charset="utf-8" />
 <meta name="generator" content="pandoc" />
 <title>Mozilla Public License, version 2.0</title>

```

```
<!--[if lt IE 9]>
 <script src="/media/js/libs/html5shiv.d580a4cd1cb4.js"></script>
<![endif]-->
```

```
<link href="/media/css/mpl-2-0-bundle.e529fc4408b6.css" rel="stylesheet" type="text/css" />
```

```
</head>
```

```
<body>
```

```
<h1 id="mozilla-public-license-version-2.0">Mozilla Public License
Version 2.0</h1>
```

```
<h2 id="definitions">1. Definitions</h2>
```

```
<dl>
```

```
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```

```
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```

```
</dd>
```

```
<dt>1.2. Contributor Version</dt>
```

```
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```

```
</dd>
```

```
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```

```
<dd><p>means Covered Software of a particular Contributor.</p>
```

```
</dd>
```

```
<dt>1.4. Covered Software</dt>
```

```
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```

```
</dd>
```

```
<dt>1.5. Incompatible With Secondary Licenses</dt>
```

```
<dd><p>means</p>
```

```
<ol type="a">
```

```
<p>that the initial Contributor has attached the notice described in Exhibit B to the Covered Software;</p>
```

```
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```

```

```

```
</dd>
```

```
<dt>1.6. Executable Form</dt>
```

```
<dd><p>means any form of the work other than Source Code Form.</p>
```

```
</dd>
```

```
<dt>1.7. Larger Work</dt>
```

```
<dd><p>means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.</p>
```

```
</dd>
```

```
<dt>1.8. License</dt>
```

```
<dd><p>means this document.</p>
```

```
</dd>
```

```
<dt>1.9. Licensable</dt>
```

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</dd>

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<ol type="a">

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</ol>

</dd>

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</dd>

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</dd>

<dt>1.13. Source Code Form</dt>

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</dd>

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</dd>

</dl>

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```
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```

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 \*/

```
package org.wildfly.naming.java.permission;
```

```
import static org.junit.Assert.*;
```

```
import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Enumeration;
```

```
import org.junit.Test;
```

```
/**
```

```
 * Big ol' JNDI permission test case.
```

```
 *
```

```
 * @author David M. Lloyd
```

```
 */
```

```
public class JndiPermissionTestCase {
```

```
 @Test
```

```
 public void testNameImplies() {
```

```
 // check the compat <<ALL BINDINGS>> name
```

```
 assertEquals(new JndiPermission("<<ALL BINDINGS>>", "*"), new JndiPermission("-", "*"));
```

```
 // check the root - name
```

```
 assertTrue(new JndiPermission("-", "*").implies(new JndiPermission("-", "*")));
```

```
 assertTrue(new JndiPermission("-", "*").implies(new JndiPermission("", "*")));
```

```
 assertTrue(new JndiPermission("-", "*").implies(new JndiPermission("foo", "*")));
```

```
 assertTrue(new JndiPermission("-", "*").implies(new JndiPermission("/foo", "*")));
```

```
 assertTrue(new JndiPermission("-", "*").implies(new JndiPermission("foo/", "*")));
```

```
 assertTrue(new JndiPermission("-", "*").implies(new JndiPermission("foo/bar/baz/zap", "*")));
```

```
 assertTrue(new JndiPermission("-", "*").implies(new JndiPermission("java:foo", "*")));
```

```
 // check the non-root - name
```

```
 assertTrue(new JndiPermission("/-", "*").implies(new JndiPermission("/-", "*")));
```

```
 assertTrue(new JndiPermission("/-", "*").implies(new JndiPermission("/", "*")));
```

```
 assertTrue(new JndiPermission("/-", "*").implies(new JndiPermission("//", "*")));
```

```
 assertTrue(new JndiPermission("/-", "*").implies(new JndiPermission("////", "*")));
```

```
 assertTrue(new JndiPermission("/-", "*").implies(new JndiPermission("/foo", "*")));
```

```
 assertTrue(new JndiPermission("/-", "*").implies(new JndiPermission("/foo", "*")));
```

```
 assertTrue(new JndiPermission("/-", "*").implies(new JndiPermission("/foo/", "*")));
```

```

assertTrue(new JndiPermission("/-", "*").implies(new JndiPermission("/foo/bar/baz/zap", "*")));
assertTrue(new JndiPermission("/-", "*").implies(new JndiPermission("java:foo", "*")));

assertTrue(new JndiPermission("foo/-", "*").implies(new JndiPermission("foo/-", "*")));
assertTrue(new JndiPermission("foo/-", "*").implies(new JndiPermission("foo/foo", "*")));
assertTrue(new JndiPermission("foo/-", "*").implies(new JndiPermission("foo/foo", "*")));
assertTrue(new JndiPermission("foo/-", "*").implies(new JndiPermission("foo/foo/", "*")));
assertTrue(new JndiPermission("foo/-", "*").implies(new JndiPermission("foo/foo/bar/baz/zap", "*")));
assertTrue(new JndiPermission("foo/-", "*").implies(new JndiPermission("java:foo/foo", "*")));

// check the * name
assertTrue(new JndiPermission("*", "*").implies(new JndiPermission("", "*")));
assertTrue(new JndiPermission("*", "*").implies(new JndiPermission("foo", "*")));
assertFalse(new JndiPermission("*", "*").implies(new JndiPermission("foo/bar", "*")));
assertFalse(new JndiPermission("*", "*").implies(new JndiPermission("foo/", "*")));
assertFalse(new JndiPermission("*", "*").implies(new JndiPermission("/foo", "*")));
assertTrue(new JndiPermission("*/*", "*").implies(new JndiPermission("/foo", "*")));
assertTrue(new JndiPermission("/*", "*").implies(new JndiPermission("/foo", "*")));
assertTrue(new JndiPermission("*/foo", "*").implies(new JndiPermission("/foo", "*")));

// check java: support
assertEquals(new JndiPermission("java:", "*"), new JndiPermission("", "*"));
assertEquals(new JndiPermission("java:/", "*"), new JndiPermission("/", "*"));
assertEquals(new JndiPermission("java:-", "*"), new JndiPermission("-", "*"));
assertEquals(new JndiPermission("java:*", "*"), new JndiPermission("*", "*"));
}

@Test
public void testActions() {
 assertEquals(new JndiPermission("foo", "*"), new JndiPermission("foo", "all"));
 assertEquals(new JndiPermission("foo", "*"), new JndiPermission("foo",
"lookup,bind,unbind,list,listBindings,createSubcontext,destroySubcontext,addNamingListener"));
 assertEquals(new JndiPermission("foo", "*"), new JndiPermission("foo",
"unbind,list,listBindings,createSubcontext,destroySubcontext,addNamingListener,lookup,bind,unbind"));

 assertTrue(new JndiPermission("foo", "*").implies(new JndiPermission("foo", "lookup")));
 assertTrue(new JndiPermission("foo", "").implies(new JndiPermission("foo", "")));
 assertTrue(new JndiPermission("foo", "*").implies(new JndiPermission("foo", "")));
 assertFalse(new JndiPermission("foo", "").implies(new JndiPermission("foo", "bind")));
 assertTrue(new JndiPermission("foo", "").withActions("bind").implies(new JndiPermission("foo", "bind")));
 assertFalse(new JndiPermission("foo", "unbind").withoutActions("unbind").implies(new JndiPermission("foo",
"unbind"))));
}

@Test
public void testCollection() {
 final PermissionCollection permissionCollection = new JndiPermission("", "").newPermissionCollection();
 Enumeration<Permission> e;

```

```

permissionCollection.add(new JndiPermission("foo/bar", "lookup,bind"));
assertTrue(permissionCollection.implies(new JndiPermission("foo/bar", "lookup,bind")));
assertFalse(permissionCollection.implies(new JndiPermission("foo/bar", "lookup,bind,unbind")));
assertFalse(permissionCollection.implies(new JndiPermission("foo/bar", "unbind")));
assertNotNull(e = permissionCollection.elements());
assertTrue(e.hasMoreElements());
assertEquals(new JndiPermission("foo/bar", "lookup,bind"), e.nextElement());
assertFalse(e.hasMoreElements());
permissionCollection.add(new JndiPermission("foo/bar", "unbind"));
assertTrue(permissionCollection.implies(new JndiPermission("foo/bar", "lookup,bind")));
assertTrue(permissionCollection.implies(new JndiPermission("foo/bar", "lookup,bind,unbind")));
assertTrue(permissionCollection.implies(new JndiPermission("foo/bar", "unbind")));
assertNotNull(e = permissionCollection.elements());
assertTrue(e.hasMoreElements());
assertEquals(new JndiPermission("foo/bar", "lookup,bind,unbind"), e.nextElement());
assertFalse(e.hasMoreElements());
permissionCollection.add(new JndiPermission("-", "lookup"));
assertTrue(permissionCollection.implies(new JndiPermission("foo/bar", "lookup,bind")));
assertTrue(permissionCollection.implies(new JndiPermission("foo/bar", "lookup,bind,unbind")));
assertTrue(permissionCollection.implies(new JndiPermission("foo/bar", "unbind")));
assertTrue(permissionCollection.implies(new JndiPermission("baz/zap", "lookup")));
assertTrue(permissionCollection.implies(new JndiPermission("", "lookup")));
assertFalse(permissionCollection.implies(new JndiPermission("baz/zap", "lookup,bind,unbind")));
assertFalse(permissionCollection.implies(new JndiPermission("baz/zap", "unbind")));
assertNotNull(e = permissionCollection.elements());
assertTrue(e.hasMoreElements());
assertEquals(new JndiPermission("foo/bar", "lookup,bind,unbind"), e.nextElement());
assertTrue(e.hasMoreElements());
assertEquals(new JndiPermission("-", "lookup"), e.nextElement());
assertFalse(e.hasMoreElements());
permissionCollection.add(new JndiPermission("-", "bind,unbind"));
assertTrue(permissionCollection.implies(new JndiPermission("foo/bar", "lookup,bind")));
assertTrue(permissionCollection.implies(new JndiPermission("foo/bar", "lookup,bind,unbind")));
assertTrue(permissionCollection.implies(new JndiPermission("foo/bar", "unbind")));
assertTrue(permissionCollection.implies(new JndiPermission("baz/zap", "lookup")));
assertTrue(permissionCollection.implies(new JndiPermission("", "lookup")));
assertTrue(permissionCollection.implies(new JndiPermission("baz/zap", "lookup,bind,unbind")));
assertTrue(permissionCollection.implies(new JndiPermission("baz/zap", "unbind")));
assertNotNull(e = permissionCollection.elements());
assertTrue(e.hasMoreElements());
assertEquals(new JndiPermission("-", "lookup,bind,unbind"), e.nextElement());
assertFalse(e.hasMoreElements());
}

@Test
public void testSecurity() {
 assertEquals(new JndiPermission("-", Integer.MAX_VALUE).getActionBits(),
JndiPermission.ACTION_ALL);
}

```

```

 assertEquals(new JndiPermission("-", Integer.MAX_VALUE), new JndiPermission("-", "*"));
}

@Test
public void testSerialization() {
 final JndiPermission jndiPermission = new JndiPermission("foo/blap/-", "bind,lookup");
 assertEquals(jndiPermission, ((SerializedJndiPermission)jndiPermission.writeReplace()).readResolve());
}

@Test
public void testCollectionSecurity() {
 final PermissionCollection permissionCollection = new JndiPermission("", "").newPermissionCollection();
 permissionCollection.add(new JndiPermission("foo/bar", "unbind,unbind"));
 permissionCollection.setReadOnly();
 try {
 permissionCollection.add(new JndiPermission("fob/baz", "unbind,unbind"));
 fail("Expected exception");
 } catch (SecurityException ignored) {
 }
}

@Test
public void testCollectionSerialization() {
 final PermissionCollection permissionCollection = new JndiPermission("", "").newPermissionCollection();
 permissionCollection.add(new JndiPermission("foo/bar", "createSubcontext,unbind"));
 permissionCollection.add(new JndiPermission("foo", "addNamingListener"));
 permissionCollection.add(new JndiPermission("-", "lookup,unbind"));
 final PermissionCollection other = (PermissionCollection) ((SerializedJndiPermissionCollection)
((JndiPermissionCollection)permissionCollection).writeReplace()).readResolve();
 Enumeration<Permission> e;
 assertNotNull(e = other.elements());
 assertTrue(e.hasMoreElements());
 assertEquals(new JndiPermission("foo/bar", "createSubcontext,unbind"), e.nextElement());
 assertTrue(e.hasMoreElements());
 assertEquals(new JndiPermission("foo", "addNamingListener"), e.nextElement());
 assertTrue(e.hasMoreElements());
 assertEquals(new JndiPermission("-", "lookup,unbind"), e.nextElement());
 assertFalse(e.hasMoreElements());
}
}

```

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Version 2, June 1991

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```
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
```

```
 <xsl:output method="xml" indent="yes"/>
```

```
 <xsl:template match="/">
```

```
 <licenseSummary>
```

```
 <dependencies>
```

```
 <xsl:for-each select="list/item">
```

```
 <xsl:variable name="name" select="text()"/>
```

```
 <xsl:for-each select="document($name)/licenseSummary/dependencies/*">
```

```
 <xsl:text disable-output-escaping="no" />
```

```
 <xsl:copy>
```

```
 <xsl:apply-templates select="@* | node()"/>
```

```
 <xsl:text disable-output-escaping="no"/>
```

```

 <source>
 <xsl:value-of select="$name"/>
 </source>
 <xsl:text disable-output-escaping="no"/>
 </xsl:copy>
</xsl:for-each>
</xsl:for-each>
<!--
<full-feature-pack-licenses.xml>
 <xsl:copy>
 <xsl:apply-templates select="document('full-feature-pack-
licenses.xml')/licenseSummary/dependencies/*"/>
 </xsl:copy>
</full-feature-pack-licenses.xml>
<migration-feature-pack-licenses>
 <xsl:copy>
 <xsl:apply-templates select="document('migration-feature-pack-
licenses.xml')/licenseSummary/dependencies/*"/>
 </xsl:copy>
</migration-feature-pack-licenses>
<servlet-feature-pack-licenses.xml>
 <xsl:copy>
 <xsl:apply-templates select="document('servlet-feature-pack-
licenses.xml')/licenseSummary/dependencies/*"/>
 </xsl:copy>
</servlet-feature-pack-licenses.xml>
-->
</dependencies>
</licenseSummary>
</xsl:template>
<xsl:template match="@* | node()">
 <xsl:copy>
 <xsl:apply-templates select="@* | node()"/>
 </xsl:copy>
</xsl:template>
</xsl:stylesheet>
/*

```

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 \*/

```
package org.wildfly.naming.java.permission;
```

```
import java.security.Permission;
import java.security.PermissionCollection;
import java.util.ArrayList;
import java.util.Enumeration;
import java.util.concurrent.atomic.AtomicReference;
```

```
import org.jboss.as.naming.logging.NamingLogger;
import org.wildfly.common.Assert;
```

```
final class JndiPermissionCollection extends PermissionCollection {
```

```
 private static final long serialVersionUID = - 769684900128311150L;
 private static final JndiPermission[] NO_PERMISSIONS = new JndiPermission[0];
```

```
 private final AtomicReference<JndiPermission[]> permissions;
```

```
 JndiPermissionCollection() {
 permissions = new AtomicReference<>(NO_PERMISSIONS);
 }
```

```
 JndiPermissionCollection(JndiPermission[] permissions) {
 Assert.checkNotNullParam("permissions", permissions);
 this.permissions = new AtomicReference<>(permissions);
 }
```

```
 public void add(final Permission permission) {
 if (isReadOnly()) {
 throw NamingLogger.ROOT_LOGGER.cannotAddToReadOnlyPermissionCollection();
 }
 if (! (permission instanceof JndiPermission)) {
 throw NamingLogger.ROOT_LOGGER.invalidPermission(permission);
 }
 final AtomicReference<JndiPermission[]> permissions = this.permissions;
 JndiPermission jndiPermission = (JndiPermission) permission;
 if (jndiPermission.getActionBits() == 0) {
 // no operation
 }
 }
}
```

```

 return;
 }
 JndiPermission[] oldVal;
 ArrayList<JndiPermission> newVal;
 boolean added = false;
 do {
 oldVal = permissions.get();
 newVal = new ArrayList<>(oldVal.length + 1);
 // first, test if it's in the set, or combine with any other permission with the same actions
 for (final JndiPermission testPerm : oldVal) {
 if (testPerm.implies(jndiPermission)) {
 // already in the set
 return;
 } else if (jndiPermission.implies(testPerm)) {
 // otherwise skip all other matches
 } else if (jndiPermission.getName().equals(testPerm.getName())) {
 // the two .implies() would have caught this condition
 assert jndiPermission.getActionBits() != testPerm.getActionBits();
 jndiPermission = jndiPermission.withActions(testPerm.getActionBits());
 // and skip it
 }
 }
 for (final JndiPermission testPerm : oldVal) {
 if (!jndiPermission.implies(testPerm)) {
 newVal.add(testPerm);
 }
 }
 newVal.add(jndiPermission);
 } while (!permissions.compareAndSet(oldVal, newVal.toArray(NO_PERMISSIONS)));
}

```

```

public boolean implies(final Permission permission) {
 final JndiPermission[] jndiPermissions = permissions.get();
 for (JndiPermission jndiPermission : jndiPermissions) {
 if (jndiPermission.implies(permission)) {
 return true;
 }
 }
 return false;
}

```

```

public Enumeration<Permission> elements() {
 final JndiPermission[] jndiPermissions = permissions.get();
 return new Enumeration<Permission>() {
 int i;
 public boolean hasMoreElements() {
 return i < jndiPermissions.length;
 }
 }
}

```

```
 public Permission nextElement() {
 return jndiPermissions[i++];
 }
};
}

Object writeReplace() {
 return new SerializedJndiPermissionCollection(isReadOnly(), permissions.get());
}
}
```

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```
<?xml version="1.0"?>
```

```
<xsl:stylesheet version="1.0"
```

```
 xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
```

```
<xsl:output method="html" encoding="utf-8" standalone="no" media-type="text/html" />
```

```
<xsl:param name="version"/>
```

```

<xsl:param name="product.release.name"/>
<xsl:variable name="lowercase" select="abcdefghijklmnopqrstuvwxyz" />
<xsl:variable name="uppercase" select="ABCDEFGHIJKLMNOPQRSTUVWXYZ!" />

<xsl:template match="/">
 <html>
 <head>
 <meta http-equiv="Content-Type" content="text/html;charset=utf-8" />
 <link rel="stylesheet" type="text/css" href="licenses.css"/>
 </head>
 <body>
 <h2><xsl:value-of select="$product.release.name"/><xsl:text> </xsl:text><xsl:value-of select="substring-
before($version, '-')"/></h2>
 <p>The following material has been provided for informational purposes only, and should not be relied
upon or construed as a legal opinion or legal advice.</p>
 <!-- Read matching templates -->
 <table>
 <tr>
 <th>Package Group</th>
 <th>Package Artifact</th>
 <th>Package Version</th>
 <th>Remote Licenses</th>
 <th>Local Licenses</th>
 </tr>
 <xsl:for-each select="licenseSummary/dependencies/dependency">
 <xsl:sort select="concat(groupId, ':', artifactId)"/>
 <xsl:variable name="GAV" select="concat(groupId, ':', artifactId, ':', version)"/>
 <xsl:variable name="countOfPrevious" select="count(preceding-sibling::*[(concat(groupId, ':',
artifactId, ':', version) = $GAV)])"/>
 <xsl:if test="$countOfPrevious = 0">
 <tr>
 <td><xsl:value-of select="groupId"/></td>
 <td><xsl:value-of select="artifactId"/></td>
 <td><xsl:value-of select="version"/></td>
 <td>
 <xsl:for-each select="licenses/license">
 <xsl:choose>
 <xsl:when test="name = 'Public Domain'">
 <xsl:value-of select="name"/>

 </xsl:when>
 <xsl:otherwise>
 <xsl:value-of select="name"/>

 </xsl:otherwise>
 </xsl:choose>
 </xsl:for-each>
 </td>
 <td>
 <xsl:for-each select="licenses/license">

```

```

 <xsl:variable name="filename">
 <xsl:call-template name="remap-local-filename">
 <xsl:with-param name="name" select="name" />
 </xsl:call-template>
 </xsl:variable>
 <xsl:value-of select="$filename"/>

 </xsl:for-each>
</td>
</tr>
</xsl:if>
</xsl:for-each>
</table>
</body>
</html>
</xsl:template>

<xsl:template name="remap-local-filename">
 <xsl:param name="name"/>
 <xsl:choose>
 <xsl:when test="$name = 'BSD 3-Clause "New" or "Revised" License'">
 <xsl:text>bsd 3-clause new or revised license.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'BSD 3-clause Clear License'">
 <xsl:text>bsd 3-clause clear license.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'BSD 3-Clause No Nuclear License'">
 <xsl:text>bsd 3-clause no nuclear license.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'Creative Commons Attribution 2.5'">
 <xsl:text>creative commons attribution 2.5.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'GNU General Public License v2.0 only'">
 <xsl:text>gnu general public license v2.0 only.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'ICU License'">
 <xsl:text>icu license.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'Indiana University Extreme! Lab Software License 1.1.1'">
 <xsl:text>indiana university extreme lab software license 1.1.1.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'Mozilla Public License 2.0'">
 <xsl:text>mozilla public license 2.0.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'Plexus Classworlds License'">
 <xsl:text>plexus classworlds license.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'Sax Public Domain Notice'">
 <xsl:text>sax public domain notice.html</xsl:text>
 </xsl:when>
 </xsl:choose>

```



```

</xsl:when>
<xsl:when test="$name = 'The JSoup MIT License'">
 <xsl:text>the jsoup mit license.html</xsl:text>
</xsl:when>
<xsl:when test="$name = 'W3C Document License'">
 <xsl:text>w3c document license.html</xsl:text>
</xsl:when>
<xsl:when test="$name = 'W3C Software Notice and Document License (2002-12-31)'">
 <xsl:text>w3c software notice and document license (2002-12-31).html</xsl:text>
</xsl:when>
<xsl:otherwise>
 <xsl:value-of select="concat(translate($name, $uppercase, $lowercase), '.txt')"/>
</xsl:otherwise>
</xsl:choose>
</xsl:template>
</xsl:stylesheet>

```

```
/*
```

```

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*/

```

```
package org.wildfly.naming.java.permission;
```

```
import java.io.Serializable;
```

```
class SerializedJndiPermissionCollection implements Serializable {
```

```
 private static final long serialVersionUID = 315106751231586701L;
```

```
 private final boolean readOnly;
```

```
 private final JndiPermission[] permissions;
```

```

SerializedJndiPermissionCollection(final boolean readOnly, final JndiPermission[] permissions) {
 this.readOnly = readOnly;
 this.permissions = permissions;
}

Object readResolve() {
 final JndiPermissionCollection collection = new JndiPermissionCollection(permissions);
 if (readOnly) collection.setReadOnly();
 return collection;
}
}
<?xml version="1.0"?>
<xsl:stylesheet version="1.0"
 xmlns:xsl="http://www.w3.org/1999/XSL/Transform">

 <xsl:output method="html" encoding="utf-8" standalone="no" media-type="text/html" />
 <xsl:param name="version"/>
 <xsl:param name="product.release.name"/>
 <xsl:variable name="lowercase" select="'abcdefghijklmnopqrstuvwxyz' "/>
 <xsl:variable name="uppercase" select="'ABCDEFGHIJKLMNOPQRSTUVWXYZ!' "/>

 <xsl:template match="/">
 <html>
 <head>
 <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
 <link rel="stylesheet" type="text/css" href="licenses.css"/>
 </head>
 <body>
 <h2><xsl:value-of select="$product.release.name"/><xsl:text> </xsl:text><xsl:value-of select="substring-
before($version, '-')"/> - Feature Pack</h2>
 <p>The following material has been provided for informational purposes only, and should not be relied
upon or construed as a legal opinion or legal advice.</p>
 <!-- Read matching templates -->
 <table>
 <tr>
 <th>Package Group</th>
 <th>Package Artifact</th>
 <th>Package Version</th>
 <th>Remote Licenses</th>
 <th>Local Licenses</th>
 </tr>
 <xsl:for-each select="licenseSummary/dependencies/dependency">
 <xsl:sort select="concat(groupId, '.', artifactId)"/>
 <tr>
 <td><xsl:value-of select="groupId"/></td>
 <td><xsl:value-of select="artifactId"/></td>
 <td><xsl:value-of select="version"/></td>

```

```

<td>
 <xsl:for-each select="licenses/license">
 <xsl:choose>
 <xsl:when test="name = 'Public Domain'">
 <xsl:value-of select="name"/>

 </xsl:when>
 <xsl:otherwise>
 <xsl:value-of select="name"/>

 </xsl:otherwise>
 </xsl:choose>
 </xsl:for-each>
</td>
<td>
 <xsl:for-each select="licenses/license">
 <xsl:variable name="filename">
 <xsl:call-template name="remap-local-filename">
 <xsl:with-param name="name" select="name" />
 </xsl:call-template>
 </xsl:variable>
 <xsl:value-of select="$filename"/>

 </xsl:for-each>
</td>
</tr>
</xsl:for-each>
</table>
</body>
</html>
</xsl:template>

```

```

<xsl:template name="remap-local-filename">
 <xsl:param name="name"/>
 <xsl:choose>
 <xsl:when test="$name = 'BSD 3-Clause "New" or "Revised" License'">
 <xsl:text>bsd 3-clause new or revised license.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'BSD 3-Clause No Nuclear License'">
 <xsl:text>bsd 3-clause no nuclear license.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'Creative Commons Attribution 2.5'">
 <xsl:text>creative commons attribution 2.5.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'Creative Commons Zero v1.0 Universal'">
 <xsl:text>creative commons zero v1.0 universal.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'GNU Lesser General Public License v3.0 or later'">
 <xsl:text>gnu lesser general public license v3.0 or later.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'Mozilla Public License 2.0'">

```

```

 <xsl:text>mozilla public license 2.0.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'Plexus Classworlds License'">
 <xsl:text>plexus classworlds license.html</xsl:text>
 </xsl:when>
 <xsl:when test="$name = 'The JSoup MIT License'">
 <xsl:text>the jsoup mit license.html</xsl:text>
 </xsl:when>
 <xsl:otherwise>
 <xsl:value-of select="concat(translate($name, $uppercase, $lowercase), '.txt')"/>
 </xsl:otherwise>
</xsl:choose>
</xsl:template>
</xsl:stylesheet>

```

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Version 1.1

-----

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 \*/

```
package org.wildfly.naming.java.permission;
```

```
import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Iterator;
```

```
import org.jboss.as.naming.logging.NamingLogger;
import org.wildfly.common.Assert;
```

```
/**
 * Permission to access an object within the "java:" JNDI namespace.
 * <p>
 * This permission does not span into bound nested contexts; such contexts may be governed by their own
 * permission scheme.
 * <p>
 * The { @code name } segment of the permission is a JNDI path whose segments are separated by { @code / }
 * characters. The
 * name may be preceded with the string { @code java: } for compatibility with previous schemes. A name of
 * { @code <<ALL BINDINGS>> } is translated to { @code - } for compatibility reasons.
 */
```

```
public final class JndiPermission extends Permission {
 private static final long serialVersionUID = 1272655825146515997L;
```

```
 private final int actionBits;
 private String actionString;
```

```
/**
 * The bitwise encoding of the { @code bind } action.
 */
```

```
public static final int ACTION_BIND = 0b000000001;
```

```

/**
 * The bitwise encoding of the {@code rebind} action.
 */
public static final int ACTION_REBIND = 0b000000010;
/**
 * The bitwise encoding of the {@code unbind} action.
 */
public static final int ACTION_UNBIND = 0b000000100;
/**
 * The bitwise encoding of the {@code lookup} action.
 */
public static final int ACTION_LOOKUP = 0b000001000;
/**
 * The bitwise encoding of the {@code list} action.
 */
public static final int ACTION_LIST = 0b000010000;
/**
 * The bitwise encoding of the {@code listBindings} action.
 */
public static final int ACTION_LIST_BINDINGS = 0b000100000;
/**
 * The bitwise encoding of the {@code createSubcontext} action.
 */
public static final int ACTION_CREATE_SUBCONTEXT = 0b001000000;
/**
 * The bitwise encoding of the {@code destroySubcontext} action.
 */
public static final int ACTION_DESTROY_SUBCONTEXT = 0b010000000;
/**
 * The bitwise encoding of the {@code addNamingListener} action.
 */
public static final int ACTION_ADD_NAMING_LISTENER = 0b100000000;
/**
 * The bitwise encoding of the {@code *} action. This value is the bitwise-OR of all of the other action bits.
 */
public static final int ACTION_ALL = 0b111111111;

/**
 * Construct a new instance.
 *
 * @param name the path name (must not be {@code null})
 * @param actions the actions (must not be {@code null})
 */
public IndiPermission(final String name, final String actions) {
 this(name, parseActions(Assert.checkNotNullParam("actions", actions)));
}

/**

```

```

 * Construct a new instance using an action bitmask. If a bit in the mask falls outside of {@link
#ACTION_ALL}, it
 * is stripped.
 *
 * @param name the path name (must not be {@code null})
 * @param actionBits the action bits
 */
public JndiPermission(final String name, final int actionBits) {
 super(canonicalize1(Assert.checkNotNullParam("name", name)));
 this.actionBits = actionBits & ACTION_ALL;
}

/**
 * Determine if this permission implies the other permission.
 *
 * @param permission the other permission
 * @return {@code true} if this permission implies the other, {@code false} if it does not or {@code permission}
is {@code null}
 */
public boolean implies(final Permission permission) {
 return permission instanceof JndiPermission && implies((JndiPermission) permission);
}

/**
 * Determine if this permission implies the other permission.
 *
 * @param permission the other permission
 * @return {@code true} if this permission implies the other, {@code false} if it does not or {@code permission}
is {@code null}
 */
public boolean implies(final JndiPermission permission) {
 return permission != null && ((actionBits & permission.actionBits) == permission.actionBits) &&
impliesPath(permission.getName());
}

/**
 * Determine if this permission implies the given {@code actions} on the given {@code name}.
 *
 * @param name the name (must not be {@code null})
 * @param actions the actions (must not be {@code null})
 * @return {@code true} if this permission implies the {@code actions} on the {@code name}, {@code false}
otherwise
 */
public boolean implies(final String name, final String actions) {
 return implies(name, parseActions(actions));
}

/**

```

```

* Determine if this permission implies the given {@code actionsBits} on the given {@code name}.
*
* @param name the name (must not be {@code null})
* @param actionBits the action bits
* @return {@code true} if this permission implies the {@code actionBits} on the {@code name}, {@code false}
otherwise
*/
public boolean implies(final String name, final int actionBits) {
 Assert.checkNotNullParam("name", name);
 final int maskedBits = actionBits & ACTION_ALL;
 return (this.actionBits & maskedBits) == maskedBits && impliesPath(name);
}

/**
* Determine whether this object is equal to another.
*
* @param other the other object
* @return {@code true} if they are equal, {@code false} otherwise
*/
public boolean equals(Object other) {
 return other instanceof JndiPermission && equals((JndiPermission)other);
}

/**
* Determine whether this object is equal to another.
*
* @param other the other object
* @return {@code true} if they are equal, {@code false} otherwise
*/
public boolean equals(JndiPermission other) {
 return this == other || other != null && getName().equals(other.getName()) && actionBits == other.actionBits;
}

/**
* Get the hash code of this permission.
*
* @return the hash code of this permission
*/
public int hashCode() {
 return actionBits * 23 + getName().hashCode();
}

/**
* Get the actions string. The actions string will be a canonical version of the one passed in at construction.
*
* @return the actions string (not {@code null})
*/
public String getActions() {

```

```

final String actionString = this.actionString;
if (actionString != null) {
 return actionString;
}
int actionBits = this.actionBits;
if (actionBits == ACTION_ALL) {
 return this.actionString + "*";
}
int m = Integer.lowestOneBit(actionBits);
if (m != 0) {
 StringBuilder b = new StringBuilder();
 b.append(getAction(m));
 actionBits &= ~m;
 while (actionBits != 0) {
 m = Integer.lowestOneBit(actionBits);
 b.append(',').append(getAction(m));
 actionBits &= ~m;
 }
 return this.actionString + b.toString();
} else {
 return this.actionString + "";
}
}

/**
 * Get the action bits.
 *
 * @return the action bits
 */
public int getActionBits() {
 return actionBits;
}

/**
 * Return a permission which is equal to this one except with its actions reset to {@code actionBits}. If the given
 * {@code actionBits} equals the current bits of this permission, then this permission instance is returned;
otherwise
 * a new permission is constructed. Any action bits which fall outside of {@link #ACTION_ALL} are silently
ignored.
 *
 * @param actionBits the action bits to use
 * @return a permission with only the given action bits (not {@code null})
 */
public JndiPermission withNewActions(int actionBits) {
 actionBits &= ACTION_ALL;
 if (actionBits == this.actionBits) {
 return this;
 } else {

```

```

 return new JndiPermission(getName(), actionBits);
 }
}

/**
 * Return a permission which is equal to this one except with its actions reset to {@code actions}. If the given
 * {@code actions} equals the current actions of this permission, then this permission instance is returned;
otherwise
 * a new permission is constructed.
 *
 * @param actions the actions to use (must not be {@code null})
 * @return a permission with only the given action bits (not {@code null})
 */
public JndiPermission withNewActions(String actions) {
 return withNewActions(parseActions(Assert.checkNotNullParam("actions", actions)));
}

/**
 * Return a permission which is equal to this one except with additional action bits. If the given {@code
actionBits}
 * do not add any new actions, then this permission instance is returned; otherwise a new permission is
constructed.
 * Any action bits which fall outside of {@link #ACTION_ALL} are silently ignored.
 *
 * @param actionBits the action bits to add
 * @return a permission with the union of permissions from this instance and the given bits (not {@code null})
 */
public JndiPermission withActions(int actionBits) {
 return withNewActions(actionBits & ACTION_ALL | this.actionBits);
}

/**
 * Return a permission which is equal to this one except with additional actions. If the given {@code actionBits}
 * do not add any new actions, then this permission instance is returned; otherwise a new permission is
constructed.
 *
 * @param actions the actions to add (must not be {@code null})
 * @return a permission with the union of permissions from this instance and the given bits (not {@code null})
 */
public JndiPermission withActions(String actions) {
 return withActions(parseActions(Assert.checkNotNullParam("actions", actions)));
}

/**
 * Return a permission which is equal to this one except without some action bits. If the given {@code
actionBits}
 * do not remove any actions, then this permission instance is returned; otherwise a new permission is constructed.
 * Any action bits which fall outside of {@link #ACTION_ALL} are silently ignored.

```

```

*
* @param actionBits the action bits to remove
* @return a permission with the given bits subtracted from this instance (not { @code null })
*/
public JndiPermission withoutActions(int actionBits) {
 return withNewActions(this.actionBits & ~(actionBits & ACTION_ALL));
}

/**
* Return a permission which is equal to this one except without some actions. If the given { @code actions }
* do not remove any actions, then this permission instance is returned; otherwise a new permission is constructed.
*
* @param actions the actions to remove (must not be { @code null })
* @return a permission with the given bits subtracted from this instance (not { @code null })
*/
public JndiPermission withoutActions(String actions) {
 return withoutActions(parseActions(Assert.checkNotNullParam("actions", actions)));
}

/**
* Construct a new type-specific permission collection.
*
* @return the new permission collection instance (not { @code null })
*/
public PermissionCollection newPermissionCollection() {
 return new JndiPermissionCollection();
}

// semi-private

Object writeReplace() {
 return new SerializedJndiPermission(getName(), getActions());
}

boolean impliesPath(final String yourName) {
 return yourName.startsWith("java:") ? impliesPath0(yourName.substring(5)) : impliesPath0(yourName);
}

// private

private boolean impliesPath0(final String yourName) {
 // segment-by-segment comparison
 final String myName = getName();
 final Iterator<String> myIter = JndiPermissionNameParser.nameIterator(myName);
 final Iterator<String> yourIter = JndiPermissionNameParser.nameIterator(yourName);
 // even if it's just "", there is always a first element
 assert myIter.hasNext() && yourIter.hasNext();
 String myNext;

```



```

String yourNext;
for (;;) {
 myNext = myIter.next();
 yourNext = yourIter.next();
 if (myNext.equals("-")) {
 // "-" implies everything including ""
 return true;
 }
 if (! myNext.equals("*") && ! myNext.equals(yourNext)) {
 // "foo/bar" does not imply "foo/baz"
 return false;
 }
 if (myIter.hasNext()) {
 if (! yourIter.hasNext()) {
 // "foo/bar" does not imply "foo"
 return false;
 }
 } else {
 // if neither has next, "foo/bar" implies "foo/bar", else "foo" does not imply "foo/bar"
 return ! yourIter.hasNext();
 }
}

private static String canonicalize1(String name) {
 Assert.checkNotNullParam("name", name);
 return name.equalsIgnoreCase("<<ALL BINDINGS>>") ? "-" : canonicalize2(name);
}

private static String canonicalize2(String name) {
 return name.startsWith("java:") ? name.substring(5) : name;
}

private static int parseActions(final String actionsString) {
 // TODO: switch to Elytron utility methods to do this
 int actions = 0;
 int pos = 0;
 int idx = actionsString.indexOf(',');
 for (;;) {
 String str;
 if (idx == -1) {
 str = actionsString.substring(pos, actionsString.length()).trim();
 if (! str.isEmpty()) actions |= parseAction(str);
 return actions;
 } else {
 str = actionsString.substring(pos, idx).trim();
 pos = idx + 1;
 if (! str.isEmpty()) actions |= parseAction(str);
 }
 }
}

```

```

 idx = actionsString.indexOf(',', pos);
 }
}
}

private static int parseAction(final String str) {
 switch (str) {
 case "*":
 case "all": return ACTION_ALL;
 case "bind": return ACTION_BIND;
 case "rebind": return ACTION_REBIND;
 case "unbind": return ACTION_UNBIND;
 case "lookup": return ACTION_LOOKUP;
 case "list": return ACTION_LIST;
 case "listBindings": return ACTION_LIST_BINDINGS;
 case "createSubcontext": return ACTION_CREATE_SUBCONTEXT;
 case "destroySubcontext": return ACTION_DESTROY_SUBCONTEXT;
 case "addNamingListener": return ACTION_ADD_NAMING_LISTENER;
 default: {
 throw NamingLogger.ROOT_LOGGER.invalidPermissionAction(str);
 }
 }
}
}
}

```

```

private String getAction(final int bit) {
 switch (bit) {
 case ACTION_BIND: return "bind";
 case ACTION_REBIND: return "rebind";
 case ACTION_UNBIND: return "unbind";
 case ACTION_LOOKUP: return "lookup";
 case ACTION_LIST: return "list";
 case ACTION_LIST_BINDINGS: return "listBindings";
 case ACTION_CREATE_SUBCONTEXT: return "createSubcontext";
 case ACTION_DESTROY_SUBCONTEXT: return "destroySubcontext";
 case ACTION_ADD_NAMING_LISTENER: return "addNamingListener";
 default: throw Assert.impossibleSwitchCase(bit);
 }
}
}
}

```

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en" dir="ltr">
<head>
 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
 <meta name="generator" content="MediaWiki 1.19.24" />
 <link rel="shortcut icon" href="/favicon.ico" />
 <link rel="search" type="application/opensearchdescription+xml" href="/w/opensearch_desc.php"
title="FedoraProject (en)" />

```

```

<link rel="EditURI" type="application/rsd+xml" href="https://fedoraproject.org/w/api.php?action=rsd" />
<link rel="copyright" href="/wiki/Legal:Main" />
<link rel="alternate" type="application/atom+xml" title="FedoraProject Atom feed"
href="/w/index.php?title=Special:RecentChanges&feed=atom" /> <title>Licensing/Plexus Classworlds License -
FedoraProject</title>
 <link rel="stylesheet"
href="https://fedoraproject.org/w/load.php?debug=false&lang=en&modules=mediawiki.legacy.commonPrint%2Csh
ared&only=styles&skin=fedora&*" />
<meta name="ResourceLoaderDynamicStyles" content="" />
<link rel="stylesheet"
href="https://fedoraproject.org/w/load.php?debug=false&lang=en&modules=site&only=styles&skin=fedora&*" />
<style>a:lang(ar),a:lang(ckb),a:lang(fa),a:lang(kk-arab),a:lang(mzn),a:lang(ps),a:lang(ur){text-
decoration:none}a.new,#quickbar a.new{color:#ba0000}

/* cache key: fpo-mediawiki-en_.resourceloader:filter:minify-css:7:c88e2bcd56513749bec09a7e29cb3ffa */</style>

<link rel="stylesheet" type="text/css" media="all" href="/static/css/fedora.css" />
<link rel="stylesheet" type="text/css" media="print" href="/static/css/print.css" />

<style type="text/css" media="screen,projection">/*!<CDATA[*] @import "/w/skins/fedora/main.css?273";
/*]>*/</style>
<link rel="stylesheet" type="text/css" media="print" href="/w/skins/common/commonPrint.css?273" />
<link rel="stylesheet" type="text/css" media="handheld" href="/w/skins/fedora/handheld.css?273" />
<!--[if lt IE 5.5000]><style type="text/css">@import "/w/skins/fedora/IE50Fixes.css?273";</style><![endif-->
<!--[if IE 5.5000]><style type="text/css">@import "/w/skins/fedora/IE55Fixes.css?273";</style><![endif-->
<!--[if IE 6]><style type="text/css">@import "/w/skins/fedora/IE60Fixes.css?273";</style><![endif-->
<!--[if IE 7]><style type="text/css">@import "/w/skins/fedora/IE70Fixes.css?273";</style><![endif-->
<!--[if lt IE 7]><script type="text/javascript" src="/w/skins/common/IEFixes.js?273"></script>
<meta http-equiv="imagetoolbar" content="no" /><![endif-->

<script>if(window.mw){
mw.config.set({"wgCanonicalNamespace":"","wgCanonicalSpecialPageName":false,"wgNamespaceNumber":0,"w
gPageName":"Licensing/Plexus_Classworlds_License","wgTitle":"Licensing/Plexus Classworlds
License","wgCurRevisionId":101686,"wgArticleId":26521,"wgIsArticle":true,"wgAction":"view","wgUserName":n
ull,"wgUserGroups":["*"],"wgCategories":[],"wgBreakFrames":false,"wgPageContentLanguage":"en","wgSeparato
rTransformTable":["",""],"wgDigitTransformTable":["",""],"wgRelevantPageName":"Licensing/Plexus_Classworld
s_License","wgRestrictionEdit":[],"wgRestrictionMove":[]});
}</script>
<!-- Head Scripts -->
<script
src="https://fedoraproject.org/w/load.php?debug=false&lang=en&modules=startup&only=scripts&skin=fedora&*"
></script>
<script>if(window.mw){
mw.config.set({"wgCanonicalNamespace":"","wgCanonicalSpecialPageName":false,"wgNamespaceNumber":0,"w
gPageName":"Licensing/Plexus_Classworlds_License","wgTitle":"Licensing/Plexus Classworlds
License","wgCurRevisionId":101686,"wgArticleId":26521,"wgIsArticle":true,"wgAction":"view","wgUserName":n
ull,"wgUserGroups":["*"],"wgCategories":[],"wgBreakFrames":false,"wgPageContentLanguage":"en","wgSeparato
rTransformTable":["",""],"wgDigitTransformTable":["",""],"wgRelevantPageName":"Licensing/Plexus_Classworld

```

```
s_License","wgRestrictionEdit":[],"wgRestrictionMove":[]});
}</script><script>if(window.mw){
mw.loader.implement("user.options",function($){mw.user.options.set({"ccmeonemails":0,"cols":80,"date":"default",
,"diffonly":0,"disablemail":0,"disablesuggest":0,"editfont":"default","editondblclick":0,"editsection":1,"editsectiono
nrightclick":0,"enotifminoredits":0,"enotifrevealaddr":0,"enotifusertalkpages":1,"enotifwatchlistpages":0,"extendwa
tchlist":0,"externaldiff":0,"externaleditor":0,"fancysig":0,"forceeditsummary":0,"gender":"unknown","hideminor":0,
"hidepatrolled":0,"highlightbroken":1,"imagesize":2,"justify":0,"math":1,"minordefault":0,"newpageshidepatrolled":
0,"nocache":0,"noconvertlink":0,"norollbackdiff":0,"numberheadings":0,"previewonfirst":0,"previewontop":1,"quic
kbar":5,"rcdays":7,"rclimit":50,"rememberpassword":0,"rows":25,"searchlimit":20,"showhiddencats":0,"showjumpi
nks":1,"shownumberswatching":1,"showtoc":1,"showtoolbar":1,"skin":"fedora","stubthreshold":0,"thumbsize":2,"u
nderline":2,"uslivepreview":0,"usenewrc":0,"watchcreations":0,"watchdefault":0,"watchdeletion":0,
"watchlistdays":3,"watchlisthideanons":0,"watchlisthidebots":0,"watchlisthideliu":0,"watchlisthideminor":0,"watchli
sthideown":0,"watchlisthidepatrolled":0,"watchmoves":0,"wllimit":250,"variant":"en","language":"en","searchNs0":
true,"searchNs1":false,"searchNs2":false,"searchNs3":false,"searchNs4":true,"searchNs5":false,"searchNs6":true,"se
archNs7":false,"searchNs8":false,"searchNs9":false,"searchNs10":false,"searchNs11":false,"searchNs12":true,"searc
hNs13":false,"searchNs14":true,"searchNs15":false,"searchNs100":false,"searchNs101":false,"searchNs102":false,"
searchNs103":false,"searchNs104":false,"searchNs105":false,"searchNs106":true,"searchNs107":false,"searchNs10
8":true,"searchNs109":false,"searchNs110":true,"searchNs111":false,"searchNs112":true,"searchNs113":false,"searc
hNs114":true,"searchNs115":false,"searchNs116":true,"searchNs117":false});;},{},{});mw.loader.implement("user.
tokens",function($){mw.user.tokens.set({"editToken":"+\\","watchToken":false});;},{},{});
```

```
/* cache key: fpo-mediawiki-en_:resourceloader:filter:minify-js:7:2e839801c875f3062717112bdc5ea3e0 */
```

```
</script>
<script>if(window.mw){
mw.loader.load(["mediawiki.page.startup","mediawiki.legacy.wikibits","mediawiki.legacy.ajax"]);
}</script> <script type="text/javascript" src="/w/skins/common/wikibits.js?273"><!-- wikibits js --></script>
</head>
<body class="mediawiki ltr ns-0 ns-subject page-Licensing_Plexus_Classworlds_License">
<div id="wrapper">
<div id="head">
<h1>Fedora</h1>
<div id="p-personal">
<h5>Personal tools</h5>

<li id="pt-login"><a
href="/w/index.php?title=Special:UserLogin&returnto=Licensing%2FPlexus+Classworlds+License" title="You are
encouraged to log in; however, it is not mandatory [o]" accesskey="o" >Log in

</div>
<!-- Top actions bar -->
<div id="p-cactions">
<h5>Views</h5>

<li id="ca-nstab-main" class="selected"><a href="/wiki/Licensing/Plexus_Classworlds_License" title="View the
content page [c]" accesskey="c" >Page
<li id="ca-talk" class="new"><a
href="/w/index.php?title=Talk:Licensing/Plexus_Classworlds_License&action=edit&redlink=1" title="Discussion
```

```
about the content page [t]" accesskey="t" >Discussion
 <li id="ca-viewsources"><a href="/w/index.php?title=Licensing/Plexus_Classworlds_License&action=edit"
title="This page is protected.
You can view its source [e]" accesskey="e" >View source
 <li id="ca-history"><a href="/w/index.php?title=Licensing/Plexus_Classworlds_License&action=history"
title="Past revisions of this page [h]" accesskey="h" >History

</div>

</div>
<div id="sidebar">
<div id="nav">
<!-- Sidebar -->
 <div id="p-wiki">
<h2>wiki</h2>

 <li id="n-mainpage">Fedora
Project Wiki
 <li id="n-News">News
 <li id="n-Events">Events
 <li id="n-Features">Features
 <li id="n-recentchanges"><a href="/wiki/Special:RecentChanges" title="A list of recent changes in the wiki [r]"
accesskey="r" >Recent changes
 <li id="n-randompage">Random
page
 <li id="n-Help">Help

</div>
<div id="p-navigation">
<h2>Navigation</h2>

 <li id="n-Home">Home
 <li id="n-Get-Fedora">Get Fedora
 <li id="n-Join-Fedora">Join Fedora

</div>
<div id="p-sub-projects">
<h2>sub-projects</h2>

 <li id="n-Ambassadors">Ambassadors
 <li id="n-Community-Operations">Community Operations
 <li id="n-Design">Design
 <li id="n-Documentation">Documentation
 <li id="n-EPEL">EPEL
 <li id="n-Infrastructure">Infrastructure
 <li id="n-Internationalization">Internationalization
 <li id="n-Localization">Localization
 <li id="n-Marketing">Marketing
```

```

<li id="n-Magazine">Magazine
<li id="n-Package-Maintainers">Package Maintainers
<li id="n-Quality-Assurance">Quality Assurance
<li id="n-Websites">Websites
<li id="n-All-projects">All projects

</div>
<div id="p-search">
<h2><label for="searchInput">Search</label></h2>
<form action="/wiki/Special:Search" id="searchform"><div>
<input id="searchInput" name="search" type="text" title="Search FedoraProject [f]" accesskey="f" value="" />

<input type='submit' name="go" class="searchButton" id="searchGoButton" value="Go" />
<input type='submit' name="fulltext" class="searchButton" id="mw-searchButton" value="Search" />
</div></form>
</div>
<div id="p-tb">
<h2>Tools</h2>

<li id="t-whatlinkshere"><a href="/wiki/Special:WhatLinksHere/Licensing/Plexus_Classworlds_License" title="A
list of all wiki pages that link here [j]" accesskey="j" >What links here
<li id="t-recentchangeslinked"><a
href="/wiki/Special:RecentChangesLinked/Licensing/Plexus_Classworlds_License" title="Recent changes in pages
linked from this page [k]" accesskey="k" >Related changes
<li id="t-specialpages"><a href="/wiki/Special:SpecialPages" title="A list of all special pages [q]" accesskey="q"
>Special pages
<li id="t-print"><a
href="/w/index.php?title=Licensing/Plexus_Classworlds_License&printable=yes" title="Printable version of this
page [p]" accesskey="p" >Printable version <li id="t-permalink"><a
href="/w/index.php?title=Licensing/Plexus_Classworlds_License&oldid=101686" title="Permanent link to this
revision of the page" >Permanent link
</div>
</div>
</div><!-- end of the left (by default at least) column -->

<div id="content">
<div id="siteNotice"><div id="localNotice" lang="en" dir="ltr"></div></div> <h2>Licensing/Plexus Classworlds
License</h2>
<h3 id="siteSub">From FedoraProject</h3>
<div id="contentSub">< a href="/wiki/Licensing"
title="Licensing">Licensing</div>
<div id="jump-to-nav">Jump to: navigation, search</div> <!-- start content -->
<div id="mw-content-text" lang="en" dir="ltr" class="mw-content-ltr"><h2> <span class="mw-headline"
id="Fedora_Notes"> Fedora Notes </h2>
<p>This is an Apache 1.1 derived license. Unfortunately, clause 4 is too broad, making it Free but GPL-
incompatible.
</p>

```

<h2> <span class="mw-headline" id="License\_Text"> License Text </span></h2>

<pre>

/\*

\$Id: LICENSE.txt 3117 2006-04-07 15:49:12Z jvanzyl \$

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\*/

</pre>

```

<!--
NewPP limit report
Preprocessor node count: 9/1000000
Postexpand include size: 0/2097152 bytes
Template argument size: 0/2097152 bytes
Expensive parser function count: 0/100
-->

<!-- Saved in parser cache with key fpo-mediawiki-en_:pcache:idhash:26521-0!*!#!*!* and timestamp
20170914231553 -->
</div><div class="printfooter">
Retrieved from "https://f
edoraproject.org/w/index.php?title=Licensing/Plexus_Classworlds_License&oldid=101686"</div>
<div id="catlinks"><div id='catlinks' class='catlinks catlinks-allhidden'></div></div> <!-- end content -->
</div>

<!-- Top login, etc. bar -->
<!-- #p-personal moved to inside #content so the text color says the same -->
<script type="text/javascript"> if (window.isMSIE55) fixalpha(); </script>
</div>
<div id="bottom">
<div id="footer">
<div id="f-poweredbyico"></div>
<p class="copy">
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</p>
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<li class="first" id="lastmod"> This page was last modified on 14 May 2009, at 19:22.
<li id="copyright">Content is available under Attribution-Share
Alike 3.0 Unported unless otherwise noted.

<li class="first" id="privacy"><a href="/wiki/FedoraProject:Privacy_policy" title="FedoraProject:Privacy
policy">Privacy policy
<li id="about">About FedoraProject
<li id="disclaimer"><a href="/wiki/FedoraProject:General_disclaimer" title="FedoraProject:General

```



```
disclaimer">Disclaimers
 Sponsors
 Legal
 Trademark Guidelines

</div>
</div>

<script>if(window.mw){
mw.loader.load(["mediawiki.user","mediawiki.page.ready"], null, true);
}</script>
<script
src="https://fedoraproject.org/w/load.php?debug=false&lang=en&modules=site&only=scripts&skin=fedora&*"></
script>

<!-- <script src="https://apps.fedoraproject.org/fedmenu/js/jquery-1.11.2.min.js"></script> -->
<script src="https://apps.fedoraproject.org/fedmenu/js/fedora-libravatar.js"></script>
<script src="https://apps.fedoraproject.org/fedmenu/js/fedmenu.js"></script>
<script>
 fedmenu({
 'url': 'https://apps.fedoraproject.org/js/data.js',
 'mimeType': 'application/javascript',
 'position': 'bottom-right',
 });
</script>

<!-- Served in 0.440 secs. --></body></html>
Common Public License Version 1.0
```

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Support for streaming Protocol Buffer messages for the Go language (golang).

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Data model artifacts for Prometheus.

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Go support for Protocol Buffers - Google's data interchange format

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<https://github.com/golang/protobuf>

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# 1.431 raphael-extensions none

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# 1.432 python-iniparse 0.4 9.e17

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### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release from   | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |

|       |           |           |     |     |
|-------|-----------|-----------|-----|-----|
| 2.1.1 | 2.1+2.0.1 | 2001      | PSF | yes |
| 2.2   | 2.1.1     | 2001      | PSF | yes |
| 2.1.2 | 2.1.1     | 2002      | PSF | yes |
| 2.1.3 | 2.1.2     | 2002      | PSF | yes |
| 2.2.1 | 2.2       | 2002      | PSF | yes |
| 2.2.2 | 2.2.1     | 2002      | PSF | yes |
| 2.2.3 | 2.2.2     | 2003      | PSF | yes |
| 2.3   | 2.2.2     | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3       | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1     | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2     | 2002-2003 | PSF | yes |

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## 1.433 python-schedutils 0.4 6.el7

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## 1.434 go-metrics

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## 1.435 webpack-manifest-plugin 2.0.4

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Go support for Protocol Buffers - Google's data interchange format

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<https://github.com/golang/protobuf>

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Gocheck - A rich testing framework for Go

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<http://github.com/gogo/protobuf>

Go support for Protocol Buffers - Google's data interchange format

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## 1.437 errwrap

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## 5 1.0



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```

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Ty Coon, President of Vice
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## 1.446 libbasicobjects 0.1.1 27.el7

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Version 3, 29 June 2007

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## 1.447 cross-env 5.2.0

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## 1.448 glibc 2.17 307.el7.1

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^L

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

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@end enumerate

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@enumerate a

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## 1.449 gawk 4.0.2 4.e17\_3.1

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For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's



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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify

that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception,

the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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#### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>  
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<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

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To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we

stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

## TERMS AND CONDITIONS

### 0. Definitions.

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#### 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

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#### 6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License,

in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
  
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
  
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
  
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
  
- e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

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## 1.450 nfs-utils 1.3.0 0.66.el7

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1.

2.

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enc/iso\_8859\_9.c  
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random.c

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A C-program for MT19937, with initialization improved 2002/2/10.

Coded by Takuji Nishimura and Makoto Matsumoto.

This is a faster version by taking Shawn Cokus's optimization,

Matthe Bellew's simplification, Isaku Wada's real version.

Before using, initialize the state by using `init_genrand(seed)`

or `init_by_array(init_key, key_length)`.

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vsnprintf.c:

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missing/memcmp.c:  
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Ty Coon, President of Vice
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regenc.[ch]:

regerror.c:

regex.c:

regint.h:

regparse.[ch]:

enc/ascii.c

enc/big5.c

enc/cp949.c

enc/emacs\_mule.c

enc/encdb.c



enc/euc\_jp.c  
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enc/iso\_8859\_16.c  
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enc/iso\_8859\_5.c  
enc/iso\_8859\_6.c  
enc/iso\_8859\_7.c  
enc/iso\_8859\_8.c  
enc/iso\_8859\_9.c  
enc/koi8\_r.c  
enc/koi8\_u.c  
enc/shift\_jis.c  
enc/unicode.c  
enc/us\_ascii.c  
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enc/utf\_16le.c  
enc/utf\_32be.c  
enc/utf\_32le.c  
enc/utf\_8.c  
enc/windows\_1251.c

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random.c

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A C-program for MT19937, with initialization improved 2002/2/10.

Coded by Takuji Nishimura and Makoto Matsumoto.

This is a faster version by taking Shawn Cokus's optimization, Matthe Bellew's simplification, Isaku Wada's real version.

Before using, initialize the state by using `init_genrand(seed)` or `init_by_array(init_key, key_length)`.

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<http://www.math.keio.ac.jp/matumoto/emt.html>

email: [matumoto@math.keio.ac.jp](mailto:matumoto@math.keio.ac.jp)

vsnprintf.c:

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PLY (Python Lex-Yacc)

Version 3.10

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## Introduction

=====

PLY is a 100% Python implementation of the common parsing tools lex and yacc. Here are a few highlights:

- PLY is very closely modeled after traditional lex/yacc.  
If you know how to use these tools in C, you will find PLY to be similar.
- PLY provides *very* extensive error reporting and diagnostic information to assist in parser construction. The original implementation was developed for instructional purposes. As a result, the system tries to identify the most common types of errors made by novice users.
- PLY provides full support for empty productions, error recovery, precedence specifiers, and moderately ambiguous grammars.
- Parsing is based on LR-parsing which is fast, memory efficient, better suited to large grammars, and which has a number of nice properties when dealing with syntax errors and other parsing problems. Currently, PLY builds its parsing tables using the LALR(1) algorithm used in yacc.
- PLY uses Python introspection features to build lexers and parsers. This greatly simplifies the task of parser construction since it reduces the number of files and eliminates the need to run a separate lex/yacc tool before running your program.
- PLY can be used to build parsers for "real" programming languages. Although it is not ultra-fast due to its Python implementation, PLY can be used to parse grammars consisting of several hundred rules (as might be found for a language like C). The lexer and LR parser are also reasonably efficient when parsing typically

sized programs. People have used PLY to build parsers for C, C++, ADA, and other real programming languages.

#### How to Use

=====

PLY consists of two files : `lex.py` and `yacc.py`. These are contained within the 'ply' directory which may also be used as a Python package. To use PLY, simply copy the 'ply' directory to your project and import `lex` and `yacc` from the associated 'ply' package. For example:

```
import ply.lex as lex
import ply.yacc as yacc
```

Alternatively, you can copy just the files `lex.py` and `yacc.py` individually and use them as modules. For example:

```
import lex
import yacc
```

The file `setup.py` can be used to install `ply` using `distutils`.

The file `doc/ply.html` contains complete documentation on how to use the system.

The example directory contains several different examples including a PLY specification for ANSI C as given in K&R 2nd Ed.

A simple example is found at the end of this document

#### Requirements

=====

PLY requires the use of Python 2.6 or greater. However, you should use the latest Python release if possible. It should work on just about any platform. PLY has been tested with both CPython and Jython. It also seems to work with IronPython.

#### Resources

=====

More information about PLY can be obtained on the PLY webpage at:

<http://www.dabeaz.com/ply>

For a detailed overview of parsing theory, consult the excellent book "Compilers : Principles, Techniques, and Tools" by Aho, Sethi, and Ullman. The topics found in "Lex & Yacc" by Levine, Mason, and Brown may also be useful.

The GitHub page for PLY can be found at:

<https://github.com/dabeaz/ply>

An old and relatively inactive discussion group for PLY is found at:

<http://groups.google.com/group/ply-hack>

#### Acknowledgments

=====

A special thanks is in order for all of the students in CS326 who suffered through about 25 different versions of these tools :-).

The CHANGES file acknowledges those who have contributed patches.

Elias Ioup did the first implementation of LALR(1) parsing in PLY-1.x. Andrew Waters and Markus Schoepflin were instrumental in reporting bugs and testing a revised LALR(1) implementation for PLY-2.0.

#### Special Note for PLY-3.0

=====

PLY-3.0 the first PLY release to support Python 3. However, backwards compatibility with Python 2.6 is still preserved. PLY provides dual Python 2/3 compatibility by restricting its implementation to a common subset of basic language features. You should not convert PLY using 2to3--it is not necessary and may in fact break the implementation.

#### Example

=====

Here is a simple example showing a PLY implementation of a calculator with variables.

```

calc.py

A simple calculator with variables.

tokens = (
 'NAME','NUMBER',
 'PLUS','MINUS','TIMES','DIVIDE','EQUALS',
 'LPAREN','RPAREN',
)

Tokens

t_PLUS = r\+'
```

```

t_MINUS = r'-'
t_TIMES = r'*'
t_DIVIDE = r'/'
t_EQUALS = r'='
t_LPAREN = r'\('
t_RPAREN = r'\)'
t_NAME = r'[a-zA-Z_][a-zA-Z0-9_]*'

def t_NUMBER(t):
 r'\d+'
 t.value = int(t.value)
 return t

Ignored characters
t_ignore = " \t"

def t_newline(t):
 r'\n+'
 t.lexer.lineno += t.value.count("\n")

def t_error(t):
 print("Illegal character '%s'" % t.value[0])
 t.lexer.skip(1)

Build the lexer
import ply.lex as lex
lex.lex()

Precedence rules for the arithmetic operators
precedence = (
 ('left', 'PLUS', 'MINUS'),
 ('left', 'TIMES', 'DIVIDE'),
 ('right', 'UMINUS'),
)

dictionary of names (for storing variables)
names = { }

def p_statement_assign(p):
 'statement : NAME EQUALS expression'
 names[p[1]] = p[3]

def p_statement_expr(p):
 'statement : expression'
 print(p[1])

def p_expression_binop(p):
 "'expression : expression PLUS expression'

```

```

 | expression MINUS expression
 | expression TIMES expression
 | expression DIVIDE expression'''
if p[2] == '+': p[0] = p[1] + p[3]
elif p[2] == '-': p[0] = p[1] - p[3]
elif p[2] == '*': p[0] = p[1] * p[3]
elif p[2] == '/': p[0] = p[1] / p[3]

def p_expression_uminus(p):
 'expression : MINUS expression %prec UMINUS'
 p[0] = -p[2]

def p_expression_group(p):
 'expression : LPAREN expression RPAREN'
 p[0] = p[2]

def p_expression_number(p):
 'expression : NUMBER'
 p[0] = p[1]

def p_expression_name(p):
 'expression : NAME'
 try:
 p[0] = names[p[1]]
 except LookupError:
 print("Undefined name '%s'" % p[1])
 p[0] = 0

def p_error(p):
 print("Syntax error at '%s'" % p.value)

import ply.yacc as yacc
yacc.yacc()

while True:
 try:
 s = raw_input('calc > ') # use input() on Python 3
 except EOFError:
 break
 yacc.parse(s)

```

## Bug Reports and Patches

=====

My goal with PLY is to simply have a decent lex/yacc implementation for Python. As a general rule, I don't spend huge amounts of time working on it unless I receive very specific bug reports and/or patches to fix problems. I also try to incorporate submitted feature



requests and enhancements into each new version. Please visit the PLY github page at <https://github.com/dabeaz/ply> to submit issues and pull requests. To contact me about bugs and/or new features, please send email to [dave@dabeaz.com](mailto:dave@dabeaz.com).

-- Dave

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# 1.456 six 1.11.0

## 1.457 man-db 2.6.3 11.e17

### 1.457.1 Available under license :

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## 1.458 audit 2.8.5 4.e17

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# 1.462 cryptography 2.8

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## 1.467 ssl-cert 1.0.35

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Version 2.1, February 1999

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```
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```

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
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```

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## 1.474 joblib 0.14.1

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## 1.475 coreutils 8.22 24.e17

### 1.475.1 Available under license :

```
/* chown-core.c -- core functions for changing ownership.
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```

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```
/* Extracted from chown.c/chgrp.c and librarified by Jim Meyering. */
```

```
#include <config.h>
#include <stdio.h>
#include <sys/types.h>
#include <pwd.h>
#include <grp.h>

#include "system.h"
#include "chown-core.h"
#include "error.h"
```

```

#include "ignore-value.h"
#include "quote.h"
#include "root-dev-ino.h"
#include "xfts.h"

#define FTSENT_IS_DIRECTORY(E) \
((E)->fts_info == FTS_D \
 || (E)->fts_info == FTS_DC \
 || (E)->fts_info == FTS_DP \
 || (E)->fts_info == FTS_DNR)

enum RCH_status
{
 /* we called fchown and close, and both succeeded */
 RC_ok = 2,

 /* required_uid and/or required_gid are specified, but don't match */
 RC_excluded,

 /* SAME_INODE check failed */
 RC_inode_changed,

 /* open/fchown isn't needed, isn't safe, or doesn't work due to
 permissions problems; fall back on chown */
 RC_do_ordinary_chown,

 /* open, fstat, fchown, or close failed */
 RC_error
};

extern void
chopt_init (struct Chown_option *chopt)
{
 chopt->verbosity = V_off;
 chopt->root_dev_ino = NULL;
 chopt->affect_symlink_referent = true;
 chopt->recurse = false;
 chopt->force_silent = false;
 chopt->user_name = NULL;
 chopt->group_name = NULL;
}

extern void
chopt_free (struct Chown_option *chopt _GL_UNUSED)
{
 /* Deliberately do not free chopt->user_name or ->group_name.
 They're not always allocated. */
}

```

```
/* Convert the numeric group-id, GID, to a string stored in xmalloc'd memory,
and return it. If there's no corresponding group name, use the decimal
representation of the ID. */
```

```
extern char *
gid_to_name (gid_t gid)
{
 char buf[INT_BUFSIZE_BOUND (intmax_t)];
 struct group *grp = getgrgid (gid);
 return xstrdup (grp ? grp->gr_name
 : TYPE_SIGNED (gid_t) ? imaxtostr (gid, buf)
 : umaxtostr (gid, buf));
}
```

```
/* Convert the numeric user-id, UID, to a string stored in xmalloc'd memory,
and return it. If there's no corresponding user name, use the decimal
representation of the ID. */
```

```
extern char *
uid_to_name (uid_t uid)
{
 char buf[INT_BUFSIZE_BOUND (intmax_t)];
 struct passwd *pwd = getpwuid (uid);
 return xstrdup (pwd ? pwd->pw_name
 : TYPE_SIGNED (uid_t) ? imaxtostr (uid, buf)
 : umaxtostr (uid, buf));
}
```

```
/* Allocate a string representing USER and GROUP. */
```

```
static char *
user_group_str (char const *user, char const *group)
{
 char *spec = NULL;

 if (user)
 {
 if (group)
 {
 spec = xmalloc (strlen (user) + 1 + strlen (group) + 1);
 stpcpy (stpcpy (stpcpy (spec, user), ":"), group);
 }
 else
 {
 spec = xstrdup (user);
 }
 }
}
```



```

else if (group)
{
 spec = xstrdup (group);
}

return spec;
}

/* Tell the user how/if the user and group of FILE have been changed.
If USER is NULL, give the group-oriented messages.
CHANGED describes what (if anything) has happened. */

static void
describe_change (const char *file, enum Change_status changed,
 char const *old_user, char const *old_group,
 char const *user, char const *group)
{
 const char *fmt;
 char *old_spec;
 char *spec;

 if (changed == CH_NOT_APPLIED)
 {
 printf (_("neither symbolic link %s nor referent has been changed\n"),
 quote (file));
 return;
 }

 spec = user_group_str (user, group);
 old_spec = user_group_str (user ? old_user : NULL, group ? old_group : NULL);

 switch (changed)
 {
 case CH_SUCCEEDED:
 fmt = (user ? _("changed ownership of %s from %s to %s\n")
 : group ? _("changed group of %s from %s to %s\n")
 : _("no change to ownership of %s\n"));
 break;
 case CH_FAILED:
 if (old_spec)
 {
 fmt = (user ? _("failed to change ownership of %s from %s to %s\n")
 : group ? _("failed to change group of %s from %s to %s\n")
 : _("failed to change ownership of %s\n"));
 }
 else
 {
 fmt = (user ? _("failed to change ownership of %s to %s\n")

```

```

 : group ? _("failed to change group of %s to %s\n")
 : _("failed to change ownership of %s\n"));
 free (old_spec);
 old_spec = spec;
 spec = NULL;
}
break;
case CH_NO_CHANGE_REQUESTED:
 fmt = (user ? _("ownership of %s retained as %s\n")
 : group ? _("group of %s retained as %s\n")
 : _("ownership of %s retained\n"));
 break;
default:
 abort ();
}

printf (fmt, quote (file), old_spec, spec);

free (old_spec);
free (spec);
}

```

/\* Change the owner and/or group of the FILE to UID and/or GID (safely) only if REQUIRED\_UID and REQUIRED\_GID match the owner and group IDs of FILE. ORIG\_ST must be the result of 'stat'ing FILE.

The 'safely' part above means that we can't simply use chown(2), since FILE might be replaced with some other file between the time of the preceding stat/lstat and this chown call. So here we open FILE and do everything else via the resulting file descriptor. We first call fstat and verify that the dev/inode match those from the preceding stat call, and only then, if appropriate (given the required\_uid and required\_gid constraints) do we call fchown.

Return RC\_do\_ordinary\_chown if we can't open FILE, or if FILE is a special file that might have undesirable side effects when opening. In this case the caller can use the less-safe ordinary chown.

Return one of the RCH\_status values. \*/

```

static enum RCH_status
restricted_chown (int cwd_fd, char const *file,
 struct stat const *orig_st,
 uid_t uid, gid_t gid,
 uid_t required_uid, gid_t required_gid)
{
 enum RCH_status status = RC_ok;
 struct stat st;

```

```

int open_flags = O_NONBLOCK | O_NOCTTY;
int fd;

if (required_uid == (uid_t) -1 && required_gid == (gid_t) -1)
 return RC_do_ordinary_chown;

if (! S_ISREG (orig_st->st_mode))
{
 if (S_ISDIR (orig_st->st_mode))
 open_flags |= O_DIRECTORY;
 else
 return RC_do_ordinary_chown;
}

fd = openat (cwd_fd, file, O_RDONLY | open_flags);
if (! (0 <= fd
 || (errno == EACCES && S_ISREG (orig_st->st_mode)
 && 0 <= (fd = openat (cwd_fd, file, O_WRONLY | open_flags))))))
 return (errno == EACCES ? RC_do_ordinary_chown : RC_error);

if (fstat (fd, &st) != 0)
 status = RC_error;
else if (! SAME_INODE (*orig_st, st))
 status = RC_inode_changed;
else if ((required_uid == (uid_t) -1 || required_uid == st.st_uid)
 && (required_gid == (gid_t) -1 || required_gid == st.st_gid))
{
 if (fchown (fd, uid, gid) == 0)
 {
 status = (close (fd) == 0
 ? RC_ok : RC_error);
 return status;
 }
 else
 {
 status = RC_error;
 }
}

int saved_errno = errno;
close (fd);
errno = saved_errno;
return status;
}

```

/\* Change the owner and/or group of the file specified by FTS and ENT to UID and/or GID as appropriate.

If REQUIRED\_UID is not -1, then skip files with any other user ID.

If REQUIRED\_GID is not -1, then skip files with any other group ID.

CHOPT specifies additional options.

Return true if successful. \*/

static bool

change\_file\_owner (FTS \*fts, FTSENT \*ent,

uid\_t uid, gid\_t gid,

uid\_t required\_uid, gid\_t required\_gid,

struct Chown\_option const \*chopt)

{

char const \*file\_full\_name = ent->fts\_path;

char const \*file = ent->fts\_accpath;

struct stat const \*file\_stats;

struct stat stat\_buf;

bool ok = true;

bool do\_chown;

bool symlink\_changed = true;

switch (ent->fts\_info)

{

case FTS\_D:

if (chopt->recurse)

{

if (ROOT\_DEV\_INO\_CHECK (chopt->root\_dev\_ino, ent->fts\_statp))

{

/\* This happens e.g., with "chown -R --preserve-root 0/"

and with "chown -RH --preserve-root 0 symlink-to-root". \*/

ROOT\_DEV\_INO\_WARN (file\_full\_name);

/\* Tell fts not to traverse into this hierarchy. \*/

fts\_set (fts, ent, FTS\_SKIP);

/\* Ensure that we do not process "/" on the second visit. \*/

ignore\_value (fts\_read (fts));

return false;

}

return true;

}

break;

case FTS\_DP:

if (!chopt->recurse)

return true;

break;

case FTS\_NS:

/\* For a top-level file or directory, this FTS\_NS (stat failed)

indicator is determined at the time of the initial fts\_open call.

With programs like chmod, chown, and chgrp, that modify

permissions, it is possible that the file in question is

accessible when control reaches this point. So, if this is

```

 the first time we've seen the FTS_NS for this file, tell
 fts_read to stat it "again". */
if (ent->fts_level == 0 && ent->fts_number == 0)
{
 ent->fts_number = 1;
 fts_set (fts, ent, FTS_AGAIN);
 return true;
}
if (! chopt->force_silent)
 error (0, ent->fts_errno, _("cannot access %s"),
 quote (file_full_name));
ok = false;
break;

case FTS_ERR:
if (! chopt->force_silent)
 error (0, ent->fts_errno, "%s", quote (file_full_name));
ok = false;
break;

case FTS_DNR:
if (! chopt->force_silent)
 error (0, ent->fts_errno, _("cannot read directory %s"),
 quote (file_full_name));
ok = false;
break;

case FTS_DC: /* directory that causes cycles */
if (cycle_warning_required (fts, ent))
{
 emit_cycle_warning (file_full_name);
 return false;
}
break;

default:
break;
}

if (!ok)
{
 do_chown = false;
 file_stats = NULL;
}
else if (required_uid == (uid_t) -1 && required_gid == (gid_t) -1
 && chopt->verbosity == V_off
 && ! chopt->root_dev_ino
 && ! chopt->affect_symlink_referent)

```

```

{
 do_chown = true;
 file_stats = ent->fts_statp;
}
else
{
 file_stats = ent->fts_statp;

 /* If this is a symlink and we're dereferencing them,
 stat it to get info on the referent. */
 if (chopt->affect_symlink_referent && S_ISLNK (file_stats->st_mode))
 {
 if (fstatat (fts->fts_cwd_fd, file, &stat_buf, 0) != 0)
 {
 if (! chopt->force_silent)
 error (0, errno, _("cannot dereference %s"),
 quote (file_full_name));
 ok = false;
 }

 file_stats = &stat_buf;
 }

 do_chown = (ok
 && (required_uid == (uid_t) -1
 || required_uid == file_stats->st_uid)
 && (required_gid == (gid_t) -1
 || required_gid == file_stats->st_gid));
}

/* This happens when chown -LR --preserve-root encounters a symlink-to-/. */
if (ok
 && FTSENT_IS_DIRECTORY (ent)
 && ROOT_DEV_INO_CHECK (chopt->root_dev_ino, file_stats))
{
 ROOT_DEV_INO_WARN (file_full_name);
 return false;
}

if (do_chown)
{
 if (! chopt->affect_symlink_referent)
 {
 ok = (lchownat (fts->fts_cwd_fd, file, uid, gid) == 0);

 /* Ignore any error due to lack of support; POSIX requires
 this behavior for top-level symbolic links with -h, and
 implies that it's required for all symbolic links. */
 }
}

```

```

if (!ok && errno == EOPNOTSUPP)
{
 ok = true;
 symlink_changed = false;
}
}
else
{
 /* If possible, avoid a race condition with --from=O:G and without the
 (-h) --no-dereference option. If fts's stat call determined
 that the uid/gid of FILE matched the --from=O:G-selected
 owner and group IDs, blindly using chown(2) here could lead
 chown(1) or chgrp(1) mistakenly to dereference a *symlink*
 to an arbitrary file that an attacker had moved into the
 place of FILE during the window between the stat and
 chown(2) calls. If FILE is a regular file or a directory
 that can be opened, this race condition can be avoided safely. */

enum RCH_status err
= restricted_chown (fts->fts_cwd_fd, file, file_stats, uid, gid,
 required_uid, required_gid);
switch (err)
{
case RC_ok:
 break;

case RC_do_ordinary_chown:
 ok = (chownat (fts->fts_cwd_fd, file, uid, gid) == 0);
 break;

case RC_error:
 ok = false;
 break;

case RC_inode_changed:
 /* FIXME: give a diagnostic in this case? */
case RC_excluded:
 do_chown = false;
 ok = false;
 break;

default:
 abort ();
}
}
}

/* On some systems (e.g., GNU/Linux 2.4.x),
the chown function resets the 'special' permission bits.

```

Do *\*not\** restore those bits; doing so would open a window in which a malicious user, M, could subvert a chown command run by some other user and operating on files in a directory where M has write access. \*/

```
if (do_chown && !ok && ! chopt->force_silent)
 error (0, errno, (uid != (uid_t) -1
 ? _("changing ownership of %s")
 : _("changing group of %s")),
 quote (file_full_name));
}

if (chopt->verbosity != V_off)
{
 bool changed =
 ((do_chown && ok && symlink_changed)
 && ! ((uid == (uid_t) -1 || uid == file_stats->st_uid)
 && (gid == (gid_t) -1 || gid == file_stats->st_gid)));

 if (changed || chopt->verbosity == V_high)
 {
 enum Change_status ch_status =
 (!ok ? CH_FAILED
 : !symlink_changed ? CH_NOT_APPLIED
 : !changed ? CH_NO_CHANGE_REQUESTED
 : CH_SUCCEEDED);
 char *old_usr = file_stats ? uid_to_name (file_stats->st_uid) : NULL;
 char *old_grp = file_stats ? gid_to_name (file_stats->st_gid) : NULL;
 describe_change (file_full_name, ch_status,
 old_usr, old_grp,
 chopt->user_name, chopt->group_name);
 free (old_usr);
 free (old_grp);
 }
}

if (! chopt->recurse)
 fts_set (fts, ent, FTS_SKIP);

return ok;
}
```

/\* Change the owner and/or group of the specified FILES.

BIT\_FLAGS specifies how to treat each symlink-to-directory that is encountered during a recursive traversal.

CHOPT specifies additional options.

If UID is not -1, then change the owner id of each file to UID.

If GID is not -1, then change the group id of each file to GID.



If REQUIRED\_UID and/or REQUIRED\_GID is not -1, then change only files with user ID and group ID that match the non-(-1) value(s).

Return true if successful. \*/

extern bool

```
chown_files (char **files, int bit_flags,
 uid_t uid, gid_t gid,
 uid_t required_uid, gid_t required_gid,
 struct Chown_option const *chopt)
```

```
{
```

```
 bool ok = true;
```

```
 /* Use lstat and stat only if they're needed. */
```

```
 int stat_flags = ((required_uid != (uid_t) -1 || required_gid != (gid_t) -1
 || chopt->affect_symlink_referent
 || chopt->verbosity != V_off)
 ? 0
 : FTS_NOSTAT);
```

```
 FTS *fts = xfts_open (files, bit_flags | stat_flags, NULL);
```

```
 while (1)
```

```
 {
```

```
 FTSENT *ent;
```

```
 ent = fts_read (fts);
```

```
 if (ent == NULL)
```

```
 {
```

```
 if (errno != 0)
```

```
 {
```

```
 /* FIXME: try to give a better message */
```

```
 if (! chopt->force_silent)
```

```
 error (0, errno, _("fts_read failed"));
```

```
 ok = false;
```

```
 }
```

```
 break;
```

```
 }
```

```
 ok &= change_file_owner (fts, ent, uid, gid,
 required_uid, required_gid, chopt);
```

```
 }
```

```
 if (fts_close (fts) != 0)
```

```
 {
```

```
 error (0, errno, _("fts_close failed"));
```

```
 ok = false;
```

```
 }
```

```
 return ok;
```

}

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Version 3, 29 June 2007

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## 1.477 python-setuptools 0.9.8 7.el7

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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That's all there is to it!

# 1.483 zookeeper 3.4.10

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# 1.484 grub 2.02 0.81.e17.centos

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Version 3, 29 June 2007

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# 1.485 gettext 0.19.8.1 3.e17

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# 1.487 golang-org-x-tools 1.0

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```
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## 1.491 python-chardet 2.2.1 3.e17

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<title>Terms of use [Universal Encoding Detector]</title>
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<link rel="stylesheet" href="css/chardet.css" type="text/css">
<link rev="made" href="mailto:mark@diveintomark.org">
<meta name="generator" content="DocBook XSL Stylesheets V1.65.1">
<meta name="keywords" content="character, set, encoding, detection, Python, XML, feed">
<link rel="start" href="index.html" title="Documentation">
<link rel="up" href="index.html" title="Documentation">
<link rel="prev" href="history.html" title="Revision history">
</head>
<body id="chardet-feedparser-org" class="docs">
<div class="z" id="intro"><div class="sectionInner"><div class="sectionInner2">
<div class="s" id="pageHeader">
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# 1.493 libndp 1.2 9.e17

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// Original can be found at:

// <https://bitbucket.org/lindenlab/lld>

// Modifications by Joshua Bell [inexorable@tash.com](mailto:inexorable@tash.com)

// <https://github.com/inexorable/polyfill>

// ES3/ES5 implementation of the Khronos Typed Array Specification

// Ref: <http://www.khronos.org/registry/typedarray/specs/latest/>

// Date: 2011-02-01

//

// Variations:

// \* Allows `typed_array.get/set()` as alias for subscripts (`typed_array[]`)

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wcwidth.js: JavaScript Portng of Markus Kuhn's wcwidth() Implementation

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```

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```

```
#endif /* _KERBEROS_MIT_COPYRIGHT_H */
```

```
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```

```
* Tim Martin
```

```
* Rob Earhart
```

```
* Rob Siemborski
```

```
*/
```

```
/*
```

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```

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## 1.503 pyasn1 0.4.8

### 1.503.1 Available under license :

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ASN.1 library for Python

=====

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 :maxdepth: 1
```

Abstract Syntax Notation One (ASN.1

<[http://en.wikipedia.org/wiki/Abstract\\_Syntax\\_Notation\\_1x](http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x)>\_) is a technology for exchanging structured data in a universally understood, hardware agnostic way. Many industrial, security and telephony applications heavily rely on ASN.1.

The `pyasn1` <<https://pypi.org/project/pyasn1/>>\_ library implements ASN.1 support in pure-Python.

What is ASN.1

-----

ASN.1 is a large, arguably over-engineered and extremely old data modelling and serialisation tool. It is probably among the first serialisation protocols in the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first

electronic mail (known as X.400). Later on it was split off the e-mail application and became a stand-alone tech still being actively supported by its designers and widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the first, unsuccessful, version of the Internet. You can read many interesting discussions <<https://news.ycombinator.com/item?id=8871453>> on that topic.

In the following years, generations of software engineers tackled the serialisation problem many times. We can see that in Google's ProtoBuffers <<https://developers.google.com/protocol-buffers/>> or FlatBuffers <<https://google.github.io/flatbuffers/>>, for example. Interestingly, many new takes on binary protocol design do not depart far from ASN.1 from technical perspective. It's more of a matter of striking a balance between processing overhead, wire format overhead and human readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

- \* Data types: the standard introduces a collection of basic data types (integers, bits, strings, arrays and records) that can be used for describing arbitrarily complex, nested data structures.
- \* Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as recovered back into their structured form. The system is fully agnostic to hardware architectures differences.
- \* Schema language: ASN.1 data structures could be described in terms of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

ASN.1 applications

-----

Being an old and generally successful standard, ASN.1 is widely adopted for many uses. To give you an example, these technologies use ASN.1 for their data exchange needs:

- \* Signaling standards for the public switched telephone network (SS7 family)
- \* Network management standards (SNMP, CMIP)
- \* Directory standards (X.500 family, LDAP)
- \* Public Key Infrastructure standards (X.509, etc.)
- \* PBX control (CSTA)
- \* IP-based Videoconferencing (H.323 family)
- \* Biometrics (BIP, CBEFF, ACBio)
- \* Intelligent transportation (SAE J2735)
- \* Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

## ASN.1 gotchas

-----

Apparently, ASN.1 is hard to implement properly. Quality open-source ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the `statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>` on discovered security vulnerabilities, many people have implemented ASN.1 parsers and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood and security reviewed.

## Documentation

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```
.. toctree::
 :maxdepth: 2
```

[/pyasn1/contents](#)

## Use case

-----

```
.. toctree::
 :maxdepth: 2
```

[/example-use-case](#)

## Download & Install

-----

```
.. toctree::
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```

[/download](#)

## Changes

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All changes and release history is maintained in changelog. There you could also download the latest unreleased pyasn1 tarball containing the latest fixes and improvements.

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```

[/changelog](#)

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## Getting help

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Please, file your `issues` <<https://github.com/etingof/pyasn1/issues>>` \_  
and `PRs` <<https://github.com/etingof/pyasn1/pulls>>` \_ at GitHub.  
Alternatively, you could ask for help at  
`Stack Overflow` <<http://stackoverflow.com/questions/tagged/pyasn1>>` \_  
or search  
`pyasn1-users` <<https://lists.sourceforge.net/lists/listinfo/pyasn1-users>>` \_  
mailing list archive.

## Books on ASN.1

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The pyasn1 implementation is largely based on reading up the following awesome books:

- \* `ASN.1 - Communication between heterogeneous systems` <<http://www.oss.com/asn1/dubuisson.html>>` \_ by Olivier Dubuisson
- \* `ASN.1 Complete` <<http://www.oss.com/asn1/resources/books-whitepapers-pubs/larmouth-asn1-book.pdf>>` \_ by Prof John Larmouth

Here you can get the official standards which is hard to read:

- \* `ITU standards` <<http://www.itu.int/ITU-T/studygroups/com17/languages/X.680-X.693-0207w.zip>>` \_

On the other end of the readability spectrum, here is a quick and sweet write up:

- \* `A Layman's Guide to a Subset of ASN.1, BER, and DER` <<ftp://ftp.rsasecurity.com/pub/pkcs/ascii/layman.asc>>` \_ by Burton S. Kaliski

If you are working with ASN.1, we'd highly recommend reading a proper book on the subject.

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```
* /opt/ws_local/PERMITS_SQL/1063015212_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/docs/source/contents.rst
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- \* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/error.py
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- \* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/codec/cer/test\_decoder.py
- \* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/codec/native/decoder.py
- \* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/codec/der/test\_encoder.py
- \* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/type/constraint.py
- \* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/type/opentype.py
- \* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/type/error.py
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- \* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/compat/octet.py
- \* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/compat/test\_integer.py
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- \* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/type/test\_useful.py
- \* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/pyasn1/type/tagmap.py
- \* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-



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\* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/codec/cer/\_\_main\_\_.py  
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\* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/test\_debug.py  
\* /opt/ws\_local/PERMITS\_SQL/1063015212\_1592948876.84/0/pyasn1-0-4-8-1-tar-gz/pyasn1-0.4.8/tests/type/test\_char.py

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ASN.1 library for Python

-----

[![PyPI](https://img.shields.io/pypi/v/pyasn1.svg?maxAge=2592000)](https://pypi.org/project/pyasn1)  
[![Python Versions](https://img.shields.io/pypi/pyversions/pyasn1.svg)](https://pypi.org/project/pyasn1/)  
[![Build status](https://travis-ci.org/etingof/pyasn1.svg?branch=master)](https://secure.travis-ci.org/etingof/pyasn1)  
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[![GitHub license](https://img.shields.io/badge/license-BSD-blue.svg)](https://raw.githubusercontent.com/etingof/pyasn1/master/LICENSE.txt)

This is a free and open source implementation of ASN.1 types and codecs as a Python package. It has been first written to support particular protocol (SNMP) but then generalized to be suitable for a wide range of protocols based on

[ASN.1 specification](https://www.itu.int/rec/dologin\_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items).

Features

-----

- \* Generic implementation of ASN.1 types (X.208)
- \* Standards compliant BER/CER/DER codecs
- \* Dumps/loads ASN.1 structures from Python types
- \* 100% Python, works with Python 2.4 up to Python 3.7
- \* MT-safe
- \* Contributed ASN.1 compiler [Asn1ate](https://github.com/kimgr/asn1ate)

Why using pyasn1

-----

ASN.1 solves the data serialisation problem. This solution was designed long ago by the wise Ancients. Back then, they did not have the luxury of wasting bits. That is why ASN.1 is designed to serialise data structures of unbounded complexity into something compact and efficient when it comes to processing the data.

That probably explains why many network protocols and file formats still rely on the 30+ years old technology. Including a number of high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1.

[Communication between heterogeneous systems](<http://www.oss.com/asn1/dubuisson.html>) by Olivier Dubuisson is one of those high quality books freely available on the Internet.

The pyasn1 package is designed to help Python programmers tackling network protocols and file formats at the comfort of their Python prompt. The tool struggles to capture all aspects of a rather complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1

-----

With pyasn1 you can build Python objects from ASN.1 data structures. For example, the following ASN.1 data structure:

```
```bash
Record ::= SEQUENCE {
  id    INTEGER,
  room  [0] INTEGER OPTIONAL,
  house [1] INTEGER DEFAULT 0
}
```
```

Could be expressed in pyasn1 like this:

```
```python
class Record(Sequence):
    componentType = NamedTypes(
        NamedType('id', Integer()),
        OptionalNamedType(
            'room', Integer().subtype(
                implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
            )
        ),
        DefaultedNamedType(
            'house', Integer(0).subtype(
                implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
            )
        )
    )
```
```

It is in the spirit of ASN.1 to take abstract data description and turn it into a programming language specific form. Once you have your ASN.1 data structure expressed in Python, you can use it along the lines of similar Python type (e.g. ASN.1 `SET` is similar to Python `dict`, `SET OF` to `list`):

```

```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
>>>
```

```

Part of the power of ASN.1 comes from its serialisation features. You can serialise your data structure and send it over the network.

```

```python
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
```

```

Conversely, you can turn serialised ASN.1 content, as received from network or read from a file, into a Python object which you can introspect, modify, encode and send back.

```

```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>>
>>> for field in received_record:
>>>     print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
>>>
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
```

```

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int, list, dict etc.). But ASN.1 types exhibit more complicated behaviour. To make life easier for a Pythonista, they can turn their pyasn1 classes into Python built-ins:

```
```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
```
```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of Python objects:

```
```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id': 123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
id=123
room=321
>>>
```
```

With ASN.1 design, serialisation codecs are decoupled from data objects, so you could turn every single ASN.1 object into many different serialised forms. As of this moment, pyasn1 supports BER, DER, CER and Python built-ins codecs. The extremely compact PER encoding is expected to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the [documentation](<http://snmplabs.com/pyasn1/>), compiled ASN.1 modules for different protocols and file formats could be found in the pyasn1-modules [repo](<https://github.com/etingof/pyasn1-modules>).

#### How to get pyasn1

-----

The pyasn1 package is distributed under terms and conditions of 2-clause BSD [license](<http://snmplabs.com/pyasn1/license.html>). Source code is freely available as a GitHub [repo](<https://github.com/etingof/pyasn1>).

You could `pip install pyasn1` or download it from [PyPI](<https://pypi.org/project/pyasn1>).

If something does not work as expected, [open an issue](<https://github.com/etingof/pyasn1/issues>) at GitHub or post your question [on Stack Overflow](<https://stackoverflow.com/questions/ask>) or try browsing pyasn1 [mailing list archives](<https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/>).

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## 1.504 libxfixes 5.0.3 1.e17

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# 1.505 raphaeljs 2.1.4

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// Raphael 2.1.4 - JavaScript Vector Library │ \\
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// │ Licensed under the MIT (http://raphaeljs.com/license.html) license.│ \\
```

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## 1.509 css-loader 0.28.7

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## 1.510 qrencode 3.4.1 3.e17

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## 1.511 delete-by-query 2.3.3

## 1.512 postcss-import 8.2.0

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## 1.513 tftp 5.2 22.el7

## 1.514 python-tornado 4.2.1 4.el7

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# 1.515 libproxy 0.4.11 11.e17

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Python was created in the early 1990s by Guido van Rossum at Stichting  
Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands  
as a successor of a language called ABC. Guido remains Python's  
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for  
National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>)  
in Reston, Virginia where he released several versions of the  
software.

In May 2000, Guido and the Python core development team moved to  
BeOpen.com to form the BeOpen PythonLabs team. In October of the same  
year, the PythonLabs team moved to Digital Creations (now Zope  
Corporation, see <http://www.zope.com>). In 2001, the Python Software  
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| Release<br>from | Derived | Year | Owner | GPL-<br>compatible? (1) |
|-----------------|---------|------|-------|-------------------------|
|-----------------|---------|------|-------|-------------------------|

|                |           |           |            |     |
|----------------|-----------|-----------|------------|-----|
| 0.9.0 thru 1.2 |           | 1991-1995 | CWI        | yes |
| 1.3 thru 1.5.2 | 1.2       | 1995-1999 | CNRI       | yes |
| 1.6            | 1.5.2     | 2000      | CNRI       | no  |
| 2.0            | 1.6       | 2000      | BeOpen.com | no  |
| 1.6.1          | 1.6       | 2001      | CNRI       | no  |
| 2.1            | 2.0+1.6.1 | 2001      | PSF        | no  |
| 2.0.1          | 2.0+1.6.1 | 2001      | PSF        | yes |
| 2.1.1          | 2.1+2.0.1 | 2001      | PSF        | yes |
| 2.2            | 2.1.1     | 2001      | PSF        | yes |
| 2.1.2          | 2.1.1     | 2002      | PSF        | yes |
| 2.1.3          | 2.1.2     | 2002      | PSF        | yes |
| 2.2.1          | 2.2       | 2002      | PSF        | yes |
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From dlitz@dlitz.net Sat Apr 18 09:14:20 2009

Date: Sat, 18 Apr 2009 09:14:20 -0400

From: "Dwayne C. Litzenger" <dlitz@dlitz.net>

To: Mark Moraes <moraes@computer.org>

Subject: PyCrypto license clarification

Message-ID: <20090418131419.GA14494@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Disposition: inline

User-Agent: Mutt/1.5.16 (2007-06-11)

Status: RO

Content-Length: 2635

Hi Mark,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

```
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=====
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Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, Wim Lewis, Jeethu Rao, and Barry Warsaw, and they have all approved the following dedication for their contributions.

I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

```
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is granted a worldwide, perpetual, royalty-free, non-exclusive license
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=====
```

Regards,  
- Dwayne

--

Dwayne C. Litzberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From markmoraes@yahoo.com Mon Apr 20 19:25:37 2009  
X-Maildir-Dup-Checked: Yes  
Return-Path: <markmoraes@yahoo.com>  
X-Original-To: dwon@rivest.dlitz.net  
Delivered-To: dwon@rivest.dlitz.net  
Received: from goedel.dlitz.net (unknown [10.159.255.6])  
by rivest.dlitz.net (Postfix) with ESMTP id 5D9AE984FDD  
for <dwon@rivest.dlitz.net>; Mon, 20 Apr 2009 19:25:37 -0400 (EDT)  
Received: from localhost (localhost [127.0.0.1])  
by goedel.dlitz.net (Postfix) with QMQP id DE41F4025F  
for <dwon@rivest.dlitz.net>; Mon, 20 Apr 2009 17:25:36 -0600 (CST)  
Received: (vmmailmgr-postfix 7604 invoked by uid 1003); 20 Apr 2009 17:25:36 -0600  
Delivered-To: m-dlitz-dlitz@dlitz.net  
Received-SPF: none (yahoo.com: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom;  
envelope-from="markmoraes@yahoo.com"; helo=web32405.mail.mud.yahoo.com; client-ip=68.142.207.198  
Received: from web32405.mail.mud.yahoo.com (web32405.mail.mud.yahoo.com [68.142.207.198])  
by goedel.dlitz.net (Postfix) with SMTP id B5EAF401EE  
for <dlitz@dlitz.net>; Mon, 20 Apr 2009 17:25:36 -0600 (CST)  
Received: (qmail 34697 invoked by uid 60001); 20 Apr 2009 23:25:33 -0000  
DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed; d=yahoo.com; s=s1024; t=1240269933;  
bh=OvxqbYnCG7R6tUN3YmlgFURM3CuHh1JeHyXhDzkaThU=; h=Message-ID:X-YMail-OSG:Received:X-  
Mailer:Date:From:Reply-To:Subject:To:MIME-Version:Content-Type;  
b=F2h2bFzpqxyKFZ8BhenniyupGw4Zvlekb9Bsk91qKU+51W/TkSGBij5YZIhkLQdkQk0qLz5f4g8dT6bOME3s  
EY1j10hlx0K0u2UD0yoYTINBCmsdMQRoJ7ph9bmt+p/EJhRpe+FiV6aoLV0FONWiHfGDghPT1dulWXfVTqgB  
2aU=  
DomainKey-Signature:a=rsa-sha1; q=dns; c=noaws;  
s=s1024; d=yahoo.com;  
h=Message-ID:X-YMail-OSG:Received:X-Mailer:Date:From:Reply-To:Subject:To:MIME-Version:Content-Type;  
b=r6RShFF5VzQLg+9tcn1xKuo4Rs4IVvXF6fdqOpQrMyRCxeFoebhuTE35grGqlomOJLwM0+mZwRb6rGkDj7  
63caOAl08Ect/qlADW5izXfmVQaDchTbTqmpsJBmQnTQs9iZ+InrG+3UIwtUSGfX7fhEWmI9P/HBzxf9Wp4b3j  
eo=;  
Message-ID: <551071.34569.qm@web32405.mail.mud.yahoo.com>  
X-YMail-OSG:  
FrK8aWMVM1mFJtLpMGbUbCLjbUQC.i.JkIAKUHSFsFn7t9PbtewAewXJ2uhZGCOIGCX6oVnG3u.CgqzAffY  
4vZSnfTT8wnCkzZNZ\_g6k.XUc3ipo\_6e.92TXl4p8MxDGAf1tpNF5nXPwcQ7aREs7jGoWWWJYVyp50clsUFS  
Hzf7Zbpa8P1Yoe\_xSzf3OAgRSh5fCrbFCC8sHPCuwrL3YhasbtHmkWffteSS.x6gEcBaxf03oz4FeDb5mpJ54g11X  
onq8h\_TmzX9g84Bin9g\_3fJ4WSXm6g6.tohLyfXcUxoz4j036wyWpTKPrWEzIUQaN83Sv\_bj\_Ghxw--  
Received: from [69.124.140.74] by web32405.mail.mud.yahoo.com via HTTP; Mon, 20 Apr 2009 16:25:32 PDT  
X-Mailer: YahooMailClassic/5.2.15 YahooMailWebService/0.7.289.1  
Date: Mon, 20 Apr 2009 16:25:32 -0700 (PDT)  
From: M Moraes <markmoraes@yahoo.com>  
Reply-To: moraes@computer.org  
Subject: Re: PyCrypto license clarification  
To: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Status: RO

X-Status: A  
Content-Length: 3222

Hi Dwayne.

Sure, the new license sounds fine for all my contributions to PyCrypto, and thanks for taking it on. My apologies for not responding to your previous e-mail.

Regards,  
Mark.

--- On Sat, 4/18/09, Dwayne C. Litzenger <dlitz@dlitz.net> wrote:

> From: Dwayne C. Litzenger <dlitz@dlitz.net>  
> Subject: PyCrypto license clarification  
> To: "Mark Moraes" <moraes@computer.org>  
> Date: Saturday, April 18, 2009, 9:14 AM  
> Hi Mark,  
>  
> I am the new maintainer of the Python Cryptography Toolkit,  
> and I am  
> working on a new release at <http://www.pycrypto.org/>.  
>  
> People often ask me what license PyCrypto is covered by, if  
> it's  
> GPL-compatible, etc. Right now, I'm not really sure  
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>  
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> no restrictions on further  
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>  
> =====

>  
> Incorporating the code into commercial  
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>  
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> (www.amk.ca)  
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> Below, I have quoted a public domain dedication that was  
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> the contents of this file for  
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> rights are reserved.  
>  
> =====

>  
> Regards,  
> - Dwayne  
>  
> -- Dwayne C. Litzenberger <dlitz@dlitz.net>  
> Key-signing key - 19E1  
> 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
>

From dlitz@dlitz.net Mon Apr 20 20:01:37 2009  
Date: Mon, 20 Apr 2009 20:01:37 -0400  
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
To: moraes@computer.org  
Subject: Re: PyCrypto license clarification  
Message-ID: <20090421000137.GA29012@rivest.dlitz.net>  
References: <551071.34569.qm@web32405.mail.mud.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
In-Reply-To: <551071.34569.qm@web32405.mail.mud.yahoo.com>  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/;  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/;  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 3677

Thanks a lot, and don't worry about not responding to previous emails. I do that too much myself. :)

On Mon, Apr 20, 2009 at 04:25:32PM -0700, M Moraes wrote:

>  
>Hi Dwayne.  
>  
>Sure, the new license sounds fine for all my contributions to PyCrypto, and thanks for taking it on. My apologies for not responding to your previous e-mail.  
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>>  
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>>  
>>  
>>     ([www.amk.ca](http://www.amk.ca))  
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>>  
>>  
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>>  
>> =====  
>>  
>> Regards,  
>> - Dwayne  
>>  
>> -- Dwayne C. Litzenger <dlitz@dlitz.net>  
>> Key-signing key - 19E1  
>> 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
>>  
>>  
>  
  
--  
Dwayne C. Litzenger <dlitz@dlitz.net>  
Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45



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00INDEX This file

LICENSE.orig Original (deprecated) license for the Python Cryptography Toolkit

LICENSE.libtom LICENSE file from LibTomCrypt

stmts/ Statements by contributors

Date: Mon, 16 Feb 2009 12:58:00 -0800

From: Robey Pointer <robey@lag.net>

Subject: Re: PyCrypto license clarification

To: "Dwayne C. Litzenger" <dlitz@dlitz.net>

Received-SPF: pass (goedel.dlitz.net: domain of robey@lag.net designates 69.61.78.186 as permitted sender)

Message-Id: <F469A078-6305-4484-BEA8-F4EC38A4154F@lag.net>

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

On 23 Nov 2008, at 07:42, Dwayne C. Litzenger wrote:

- > For the next PyCrypto release, I would like to take steps to move
- > toward a clearer licensing regime. I am asking as many copyright
- > holders as I can find if I can release PyCrypto under something
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- >

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>  
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> =====  
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> extent that dedication to the public domain is not available,  
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> for  
> any purpose whatsoever. No rights are reserved.  
>  
> =  
> =====  
>

In case I haven't replied to this yet: Yes, this is fine with me.

robey

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.8 (Darwin)

iEYEARECAAYFAkmZ01gACgkQQQDkKvyJ6cOLvQCfQmYYuVODvIlyLg0hgCI9LAbQ  
SH8AoLJgaq1Ii7/ZYDc+/Cd8VO0xLbr  
=Mv6g

-----END PGP SIGNATURE-----

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made under the terms of \*both\* these licenses.

From dlitz@dlitz.net Sun Aug 2 21:48:25 2009

Date: Sun, 2 Aug 2009 21:48:25 -0400

From: "Dwayne C. Litzenger" <dlitz@dlitz.net>

To: Paul Swartz <paulswartz@gmail.com>

Subject: PyCrypto license clarification

Message-ID: <20090803014825.GA1326@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Disposition: inline

User-Agent: Mutt/1.5.16 (2007-06-11)

Status: RO

Content-Length: 2631

Hi Paul,

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```
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country of residence. This software is provided "as is" without
warranty of fitness for use or suitability for any purpose, express
or implied. Use at your own risk or not at all.
=====
```

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

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I understand that you have made contributions to PyCrypto, under nickname "z3p" and/or other names. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

```
=====
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extent that dedication to the public domain is not available, everyone
is granted a worldwide, perpetual, royalty-free, non-exclusive license
to exercise all rights associated with the contents of this file for
any purpose whatsoever. No rights are reserved.
=====
```

Regards,  
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--

Dwayne C. Litzenberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From paulswartz@gmail.com Mon Aug 3 12:14:07 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <paulswartz@gmail.com>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 30B9D984FC4

for <dwon@rivest.dlitz.net>; Mon, 3 Aug 2009 12:14:07 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id AD9AE81068

for <dwon@rivest.dlitz.net>; Mon, 3 Aug 2009 10:14:06 -0600 (CST)

Received: (vmmailmgr-postfix 32055 invoked by uid 1003); 3 Aug 2009 10:14:06 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: pass (gmail.com ... \_spf.google.com: 72.14.220.159 is authorized to use 'paulswartz@gmail.com' in 'mfrom' identity (mechanism 'ip4:72.14.192.0/18' matched)) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="paulswartz@gmail.com"; helo=fg-out-1718.google.com; client-ip=72.14.220.159

Received: from fg-out-1718.google.com (fg-out-1718.google.com [72.14.220.159])

by goedel.dlitz.net (Postfix) with ESMTP id 4E63881066

for <dlitz@dlitz.net>; Mon, 3 Aug 2009 10:14:05 -0600 (CST)

Received: by fg-out-1718.google.com with SMTP id d23so1076840fga.3

for <dlitz@dlitz.net>; Mon, 03 Aug 2009 09:14:04 -0700 (PDT)

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;

d=gmail.com; s=gamma;

h=domainkey-signature:mime-version:received:in-reply-to:references

:from:date:message-id:subject:to:content-type

:content-transfer-encoding;

bh=A0RHBf0TnribKS5qOHJ3WYbkZ+b0cuPeuoKAypApWcc=;

b=gyTqkRhKIHadFKIZCBWsRbnMNVdQlPWlJbyC0EvxPskaoHr3HAR96MWQNBePu/40Ac

Vn55qllIqTdom4e9zIUee6MwZo9kqi/Qw0L/SLib0DIQeNqo/eHYqPmuVswltaYwNAyMJ

Y9++76rPGzqYdALsfvsmwv7Q3/bEmjVTr0tQE=

DomainKey-Signature: a=rsa-sha1; c=noaws;

d=gmail.com; s=gamma;

h=mime-version:in-reply-to:references:from:date:message-id:subject:to

:content-type:content-transfer-encoding;

b=jze7KSMkUGilfVCXKXaaXMi5NAtGdMQOtVZZfRNyGSy68xOd2sxefjyyig3EFT6Nv6

Q3opUMsT96Q6zjZND55w446kTh2uBTNz4d3NwIeEWJnG3xcliRQu/mXPfP8AzPI3CefL

1ornJLM1eQ2XyuZA73jem+SJtfdHUcSD1UhgI=

MIME-Version: 1.0

Received: by 10.239.157.147 with SMTP id q19mr601802hbc.61.1249316043185; Mon,

03 Aug 2009 09:14:03 -0700 (PDT)

In-Reply-To: <20090803014825.GA1326@rivest.dlitz.net>

References: <20090803014825.GA1326@rivest.dlitz.net>

From: Paul Swartz <paulswartz@gmail.com>



From dlitz@dlitz.net Mon Aug 3 14:35:01 2009  
Date: Mon, 3 Aug 2009 14:35:01 -0400  
From: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
To: Paul Swartz <paulswartz@gmail.com>  
Subject: Re: PyCrypto license clarification  
Message-ID: <20090803183501.GA17472@rivest.dlitz.net>  
References: <20090803014825.GA1326@rivest.dlitz.net>  
<324cfb540908030913x71d331f0kb069052f74e5ae6b@mail.gmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1; format=flowed  
Content-Disposition: inline  
Content-Transfer-Encoding: 8bit  
In-Reply-To: <324cfb540908030913x71d331f0kb069052f74e5ae6b@mail.gmail.com>  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 1250

On Mon, Aug 03, 2009 at 12:13:43PM -0400, Paul Swartz wrote:

>On Sun, Aug 2, 2009 at 9:48 PM, Dwayne C. Litzenger<dlitz@dlitz.net> wrote:

>> Hi Paul,

>>

>> I am the new maintainer of the Python Cryptography Toolkit, and I am

>> working on a new release at <http://www.pycrypto.org/>.

>

>That's great!

>

>> I understand that you have made contributions to PyCrypto, under nickname

>> "z3p" and/or other names. May I, on your behalf, dedicate to the public

>> domain all your contributions to PyCrypto, with the following notice?

>>

>> =====

>> The contents of this file are dedicated to the public domain. To the  
>> extent that dedication to the public domain is not available, everyone  
>> is granted a worldwide, perpetual, royalty-free, non-exclusive license  
>> to exercise all rights associated with the contents of this file for  
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>> =====

>

>Yes, that's fine. Good luck with the new release!

Perfect! Thanks for the quick response!

--

Dwayne C. Litzenger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

## A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release from   | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | no                  |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.2.1 | 2.2   | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |

Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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Dependent Modules

=====

This code has the following dependencies  
above and beyond the Python standard library:

uritemplates - Apache License 2.0  
httplib2 - MIT License  
From dlitz@dlitz.net Mon May 4 22:49:14 2009  
Date: Mon, 4 May 2009 22:49:14 -0400  
From: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
To: Joris Bontje <joris@bontje.nl>  
Subject: PyCrypto license clarification  
Message-ID: <20090505024914.GA9219@rivest.dlitz.net>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 2553

Hi Joris,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

=====  
Distribute and use freely; there are no restrictions on further dissemination and usage except those imposed by the laws of your country of residence. This software is provided "as is" without warranty of fitness for use or suitability for any purpose, express or implied. Use at your own risk or not at all.  
=====

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, Barry Warsaw, Wim Lewis, Jeethu Rao, and Mark Moraes, and they have all approved the following dedication for their contributions.

I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

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is granted a worldwide, perpetual, royalty-free, non-exclusive license to exercise all rights associated with the contents of this file for any purpose whatsoever. No rights are reserved.

=====  
Regards,  
- Dwayne

--

Dwayne C. Litzenberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From joris@bontje.nl Tue May 5 03:08:32 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <joris@bontje.nl>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 7AA4B9E5078

for <dwon@rivest.dlitz.net>; Tue, 5 May 2009 03:08:32 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 2315B40583

for <dwon@rivest.dlitz.net>; Tue, 5 May 2009 01:08:32 -0600 (CST)

Received: (vmmailgr-postfix 16890 invoked by uid 1003); 5 May 2009 01:08:32 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: none (bontje.nl: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="joris@bontje.nl"; helo=smtp6.versatel.nl; client-ip=62.58.50.97

Received: from smtp6.versatel.nl (smtp6.versatel.nl [62.58.50.97])

by goedel.dlitz.net (Postfix) with ESMTP id 2D76A4052C

for <dlitz@dlitz.net>; Tue, 5 May 2009 01:08:30 -0600 (CST)

Received: (qmail 4224 invoked by uid 0); 5 May 2009 07:08:25 -0000

Received: from qmail06.zonnet.nl (HELO dell062.admin.zonnet.nl) ([10.170.1.123])

(envelope-sender <joris@bontje.nl>)

by 10.170.1.96 (qmail-ldap-1.03) with SMTP

for <>; 5 May 2009 07:08:25 -0000

Received: by dell062.admin.zonnet.nl (Postfix, from userid 33)

id 9BE9B15759B; Tue, 5 May 2009 09:08:25 +0200 (CEST)

Received: from firewall66.interaccess.nl (firewall66.interaccess.nl

[193.173.35.66]) by www.webmail.vuurwerk.nl (Horde MIME library) with HTTP;

Tue, 05 May 2009 09:08:25 +0200

Message-ID: <20090505090825.gsq1ps7hg08wwwok@www.webmail.vuurwerk.nl>

Date: Tue, 05 May 2009 09:08:25 +0200

From: joris@bontje.nl

To: "Dwayne C. Litzenberger" <dlitz@dlitz.net>

Subject: Re: PyCrypto license clarification

References: <20090505024914.GA9219@rivest.dlitz.net>

In-Reply-To: <20090505024914.GA9219@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain;  
charset=ISO-8859-1;  
format="flowed"  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit  
User-Agent: Internet Messaging Program (IMP) H3 (4.1.3)  
Status: RO  
X-Status: A  
Content-Length: 3488

Hi Dwayne,

Thanks for taking over the PyCrypto library and putting in the required effort to keep this going.

I was very excited to read that it is now one of the installed libraries for Google AppsEngine!

You have my full permission to dedicate all my contributions to PyCrypto to the public domain with your suggested notice:

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Regards,  
Joris

Citeren "Dwayne C. Litzberger" <dlitz@dlitz.net>:

> Hi Joris,  
>  
> I am the new maintainer of the Python Cryptography Toolkit, and I am  
> working on a new release at <http://www.pycrypto.org/>.  
>  
> People often ask me what license PyCrypto is covered by, if it's  
> GPL-compatible, etc. Right now, I'm not really sure what to tell them.  
> The text in the current LICENSE file (quoted below) is not entirely clear  
> on the point of whether distributing modified versions is allowed. (It  
> says "distribute and use", but not "modify".)  
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> =====  
>  
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> not have to make source available or contribute your changes back  
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>  
> --amk (www.amk.ca)  
>  
> For the next PyCrypto release, I would like to take steps to move toward a  
> clearer licensing regime. I am asking as many copyright holders as I can  
> find if I can release PyCrypto under something clearer and more standard.  
> Below, I have quoted a public domain dedication that was recommended in  
> \_Intellectual Property and Open Source: A Practical Guide to Protecting  
> Code\_, by Van Lindberg. I have already contacted A. M. Kuchling, Robey  
> Pointer, Barry Warsaw, Wim Lewis, Jeethu Rao, and Mark Moraes, and they  
> have all approved the following dedication for their contributions.  
>  
> I understand that you have made contributions to PyCrypto. May I, on your  
> behalf, dedicate to the public domain all your contributions to PyCrypto,  
> with the following notice?  
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>  
> Regards,  
> - Dwayne  
>  
> --  
> Dwayne C. Litzengerger <dlitz@dlitz.net>  
> Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From dlitz@dlitz.net Tue May 5 17:53:47 2009  
Date: Tue, 5 May 2009 17:53:47 -0400  
From: "Dwayne C. Litzengerger" <dlitz@dlitz.net>  
To: joris@bontje.nl  
Subject: Re: PyCrypto license clarification  
Message-ID: <20090505215347.GB9933@rivest.dlitz.net>  
References: <20090505024914.GA9219@rivest.dlitz.net>  
<20090505090825.gsq1ps7hg08wwwok@www.webmail.vuurwerk.nl>



MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
In-Reply-To: <20090505090825.gsq1ps7hg08wwwok@www.webmail.vuurwerk.nl>  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 3863

Excellent! Thank you!

On Tue, May 05, 2009 at 09:08:25AM +0200, joris@bontje.nl wrote:

> Hi Dwayne,

>

> Thanks for taking over the PyCrypto library and putting in the required  
> effort to keep this going.

> I was very excited to read that it is now one of the installed libraries  
> for Google AppsEngine!

>

> You have my full permission to dedicate all my contributions to PyCrypto to  
> the public domain with your suggested notice:

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> =====

>

>

> Regards,

> Joris

>

> Citeren "Dwayne C. Litzenger" <dlitz@dlitz.net>:

>

>> Hi Joris,

>>

>> I am the new maintainer of the Python Cryptography Toolkit, and I am  
>> working on a new release at <http://www.pycrypto.org/>.

>>

>> People often ask me what license PyCrypto is covered by, if it's

>> GPL-compatible, etc. Right now, I'm not really sure what to tell them.  
>> The text in the current LICENSE file (quoted below) is not entirely clear  
>> on the point of whether distributing modified versions is allowed. (It  
>> says "distribute and use", but not "modify".)  
>>  
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>> warranty of fitness for use or suitability for any purpose, express  
>> or implied. Use at your own risk or not at all.  
>> =====  
>>  
>> Incorporating the code into commercial products is permitted; you do  
>> not have to make source available or contribute your changes back  
>> (though that would be nice).  
>>  
>> --amk (www.amk.ca)  
>>  
>> For the next PyCrypto release, I would like to take steps to move toward a  
>> clearer licensing regime. I am asking as many copyright holders as I can  
>> find if I can release PyCrypto under something clearer and more standard.  
>> Below, I have quoted a public domain dedication that was recommended in  
>> \_Intellectual Property and Open Source: A Practical Guide to Protecting  
>> Code\_, by Van Lindberg. I have already contacted A. M. Kuchling, Robey  
>> Pointer, Barry Warsaw, Wim Lewis, Jeethu Rao, and Mark Moraes, and they  
>> have all approved the following dedication for their contributions.  
>>  
>> I understand that you have made contributions to PyCrypto. May I, on your  
>> behalf, dedicate to the public domain all your contributions to PyCrypto,  
>> with the following notice?  
>>  
>> =====  
>> The contents of this file are dedicated to the public domain. To the  
>> extent that dedication to the public domain is not available, everyone  
>> is granted a worldwide, perpetual, royalty-free, non-exclusive license  
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>> any purpose whatsoever. No rights are reserved.  
>> =====  
>>  
>> Regards,  
>> - Dwayne  
>>  
>> --  
>> Dwayne C. Litzengerger <dlitz@dlitz.net>  
>> Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
>  
>





-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.5 (GNU/Linux)

iEYEARECAAYFAkko52IACgkQHfBG4d+eAS0XPPQCfcyQ2DdAXKg9N7Z+jeSFFD5EZ  
yloAn33a3ZjkteyJaTbzEqImOEW8JGpf  
=aBEW

-----END PGP SIGNATURE-----

--YiEDa0DAkWCtVeE4--

From amk@amk.ca Sun Nov 23 07:51:59 2008

X-Maildir-Dup-Checked: Yes

Return-Path: <amk@amk.ca>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 5C2C75047D

for <dwon@rivest.dlitz.net>; Sun, 23 Nov 2008 07:51:59 -0500 (EST)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id D632D10111

for <dwon@rivest.dlitz.net>; Sun, 23 Nov 2008 06:51:58 -0600 (CST)

Received: (vmmailmgr-postfix 12026 invoked by uid 1003); 23 Nov 2008 06:51:58 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: none (goedel.dlitz.net: domain of amk@amk.ca does not designate permitted sender hosts)

Received: from mail5.sea5.speakeasy.net (mail5.sea5.speakeasy.net [69.17.117.7])

by goedel.dlitz.net (Postfix) with ESMTP id 97DC710105

for <dlitz@dlitz.net>; Sun, 23 Nov 2008 06:51:58 -0600 (CST)

Received: (qmail 3992 invoked from network); 23 Nov 2008 12:51:52 -0000

Received: from dsl092-163-165.wdc2.dsl.speakeasy.net (HELO localhost) (akuchling@[66.92.163.165])

(envelope-sender <amk@amk.ca>)

by mail5.sea5.speakeasy.net (qmail-ldap-1.03) with AES256-SHA encrypted SMTP

for <dlitz@dlitz.net>; 23 Nov 2008 12:51:52 -0000

Date: Sun, 23 Nov 2008 07:51:34 -0500

From: "A.M. Kuchling" <amk@amk.ca>

To: "Dwayne C. Litzenger" <dlitz@dlitz.net>

Subject: Re: PyCrypto license clarification

Message-ID: <20081123125134.GA21239@amk.local>

Reply-To: amk@amk.ca

References: <20081123051722.GA29253@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline

In-Reply-To: <20081123051722.GA29253@rivest.dlitz.net>

User-Agent: Mutt/1.5.13 (2006-08-11)

Status: RO

Content-Length: 537

Lines: 15

- > People often ask me what license PyCrypto is covered by, if it's
- > GPL-compatible, etc. Right now, I'm not really sure what to tell them.
- > The text in the current LICENSE file (quoted below) is not entirely clear
- > on the point of whether distributing modified versions is allowed. (It
- > says "distribute and use", but not "modify".)

The intention is that it be public domain.

- > May I, on your behalf, dedicate to the public domain your considerable
- > contributions to PyCrypto, with the following notice?

You may.

--amk

-----

Contributors

-----

- \* Kang Zhang
- \* Tarek Ziad
- \* Marcin Kasperski
- \* Steve Borho
- \* Michael Gruenewald
- \* Jason R. Coombs
- \* Benji York
- \* Jonathan Ballet
- \* Gary Poster
- \* Patrick Mezard
- \* Jrme Laheurte
- \* Jake Basile
- \* Jelmer Vernooij
- \* Andr Sintzoff
- \* Thomas Kluyver
- \* Sebastian Ramacher
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- \* Kyle Stark
- \* Daniel Holth
- \* Manuel de la Pea
- \* Dmitry Shachnev

This package was debianized by Craig Silverstein <google-gflags@googlegroups.com> on  
Wed, 18 Jan 2012 13:57:39 -0800.

It was downloaded from <http://code.google.com/p/python-gflags/downloads/list>

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-----

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```
<one line to give the program's name and a brief idea of what it does.>
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when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate  
parts of the General Public License. Of course, the commands you use may  
be called something other than `show w' and `show c'; they could even be  
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school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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```
From dlitz@dlitz.net Sun Nov 23 00:17:22 2008
Date: Sun, 23 Nov 2008 00:17:22 -0500
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>
To: "A. M. Kuchling" <amk@amk.ca>
Subject: PyCrypto license clarification
Message-ID: <20081123051722.GA29253@rivest.dlitz.net>
MIME-Version: 1.0
Content-Type: multipart/signed; micalg=pgp-sha1;
```

protocol="application/pgp-signature"; boundary="YiEDa0DAkWCtVeE4"  
Content-Disposition: inline  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 3461  
Lines: 78

--YiEDa0DAkWCtVeE4  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
Content-Transfer-Encoding: quoted-printable

Hi Andrew,

People often ask me what license PyCrypto is covered by, if it's=20  
GPL-compatible, etc. Right now, I'm not really sure what to tell them. =20  
The text in the current LICENSE file (quoted below) is not entirely clear=  
=20  
on the point of whether distributing modified versions is allowed. (It=20  
says "distribute and use", but not "modify".)

=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=  
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=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=  
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not have to make source available or contribute your changes back  
(though that would be nice).

--amk (www.amk.ca)

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```

Regards,  
- Dwayne

--

Dwayne C. Litzberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45

--YiEDa0DAkWCtVeE4

Content-Type: application/pgp-signature; name="signature.asc"

Content-Description: Digital signature

Content-Disposition: inline

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.5 (GNU/Linux)

iEYEARECAAYFAkko52IACgkQHBG4d+eAS0XPPQCfcyQ2DdAXKg9N7Z+jeSFFD5EZ

yloAn33a3ZjkteyJaTbzEqImOEW8JGpf

=aBEW

-----END PGP SIGNATURE-----

--YiEDa0DAkWCtVeE4--

From amk@amk.ca Sun Nov 23 07:51:59 2008

X-Maildir-Dup-Checked: Yes



Return-Path: <amk@amk.ca>  
X-Original-To: dwon@rivest.dlitz.net  
Delivered-To: dwon@rivest.dlitz.net  
Received: from goedel.dlitz.net (unknown [10.159.255.6])  
by rivest.dlitz.net (Postfix) with ESMTP id 5C2C75047D  
for <dwon@rivest.dlitz.net>; Sun, 23 Nov 2008 07:51:59 -0500 (EST)  
Received: from localhost (localhost [127.0.0.1])  
by goedel.dlitz.net (Postfix) with QMQP id D632D10111  
for <dwon@rivest.dlitz.net>; Sun, 23 Nov 2008 06:51:58 -0600 (CST)  
Received: (vmailmgr-postfix 12026 invoked by uid 1003); 23 Nov 2008 06:51:58 -0600  
Delivered-To: m-dlitz-dlitz@dlitz.net  
Received-SPF: none (goedel.dlitz.net: domain of amk@amk.ca does not designate permitted sender hosts)  
Received: from mail5.sea5.speakeasy.net (mail5.sea5.speakeasy.net [69.17.117.7])  
by goedel.dlitz.net (Postfix) with ESMTP id 97DC710105  
for <dlitz@dlitz.net>; Sun, 23 Nov 2008 06:51:58 -0600 (CST)  
Received: (qmail 3992 invoked from network); 23 Nov 2008 12:51:52 -0000  
Received: from dsl092-163-165.wdc2.dsl.speakeasy.net (HELO localhost) (akuchling@[66.92.163.165])  
(envelope-sender <amk@amk.ca>)  
by mail5.sea5.speakeasy.net (qmail-ldap-1.03) with AES256-SHA encrypted SMTP  
for <dlitz@dlitz.net>; 23 Nov 2008 12:51:52 -0000  
Date: Sun, 23 Nov 2008 07:51:34 -0500  
From: "A.M. Kuchling" <amk@amk.ca>  
To: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
Subject: Re: PyCrypto license clarification  
Message-ID: <20081123125134.GA21239@amk.local>  
Reply-To: amk@amk.ca  
References: <20081123051722.GA29253@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline  
In-Reply-To: <20081123051722.GA29253@rivest.dlitz.net>  
User-Agent: Mutt/1.5.13 (2006-08-11)  
Status: RO  
Content-Length: 537  
Lines: 15

> People often ask me what license PyCrypto is covered by, if it's  
> GPL-compatible, etc. Right now, I'm not really sure what to tell them.  
> The text in the current LICENSE file (quoted below) is not entirely clear  
> on the point of whether distributing modified versions is allowed. (It  
> says "distribute and use", but not "modify".)

The intention is that it be public domain.

> May I, on your behalf, dedicate to the public domain your considerable  
> contributions to PyCrypto, with the following notice?

You may.

--amk

From dlitz@dlitz.net Wed Aug 27 20:54:38 EDT 2008

X-Maildir-Dup-Checked: Yes

Return-Path: <dlitz@dlitz.net>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id ECFDFC6641D

for <dwon@rivest.dlitz.net>; Wed, 27 Aug 2008 20:45:06 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 99A9D100AA

for <dwon@rivest.dlitz.net>; Wed, 27 Aug 2008 18:45:05 -0600 (CST)

Received: (vmmailgr-postfix 3270 invoked by uid 1003); 27 Aug 2008 18:45:05 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: pass (goedel.dlitz.net: domain of dlitz@dlitz.net designates 193.201.42.13 as permitted sender)

Received: from m14.itconsult.net (m14.itconsult.net [193.201.42.13])

by goedel.dlitz.net (Postfix) with ESMTP id 1D3B510088

for <dlitz@dlitz.net>; Wed, 27 Aug 2008 18:45:04 -0600 (CST)

Received: from stamper.itconsult.co.uk (stamper.itconsult.co.uk

[193.201.42.31]) by m14.stamper.itconsult.co.uk (GMS

15.01.3664/NT8923.00.54dca388) with SMTP id jfxsjqaa for dlitz@dlitz.net;

Thu, 28 Aug 2008 01:45:02 +0100

To: crypt@bis.doc.gov,

enc@nsa.gov,

web\_site@bis.doc.gov,

pycrypto@lists.dlitz.net,

PYTHON-CRYPTO@NIC.SURFNET.NL,

dlitz@dlitz.net

Received-SPF: Pass (m14.stamper.itconsult.co.uk: domain of dlitz@dlitz.net

designates 64.5.53.201 as permitted sender) identity=mailfrom;

client-ip=64.5.53.201; receiver=m14.stamper.itconsult.co.uk;

helo=goedel.dlitz.net; mechanism=-all; envelope-from=dlitz@dlitz.net;

Received: from goedel.dlitz.net (goedel.dlitz.net [64.5.53.201]) by

m14.stamper.itconsult.co.uk (GMS 15.01.3664/NT8923.00.54dca388) with ESMTP id

taxsjqaa for post@stamper.itconsult.co.uk; Thu, 28 Aug 2008 01:42:58 +0100

Received: from rivest.dlitz.net (rivest.dlitz.net [IPv6:2002:4c0a:9133:1104::1])

by goedel.dlitz.net (Postfix) with ESMTP id 667C7100B1

for <post@stamper.itconsult.co.uk>; Wed, 27 Aug 2008 18:42:56 -0600 (CST)

Received: by rivest.dlitz.net (Postfix, from userid 1000)

id B92F8C66420; Wed, 27 Aug 2008 20:42:55 -0400 (EDT)

Received: by rivest.dlitz.net (tmda-sendmail, from uid 1000);

Wed, 27 Aug 2008 20:42:54 -0400

Date: Wed, 27 Aug 2008 20:42:54 -0400

Cc: post@stamper.itconsult.co.uk

Subject: PyCrypto TSU NOTIFICATION

Message-ID: <20080828004254.GA31214@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
X-Delivery-Agent: TMDA/1.1.9 (Jura)  
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
X-DNSBL: 0  
Status: O  
Content-Length: 2182  
Lines: 65

-----BEGIN PGP SIGNED MESSAGE-----

```


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stamper.itconsult.co.uk certifying that a user
claiming to be:-
dlitz@dlitz.net
requested that this message be sent to:-
crypt@bis.doc.gov
enc@nsa.gov
web_site@bis.doc.gov
pycrypto@lists.dlitz.net
PYTHON-CRYPTO@NIC.SURFNET.NL
dlitz@dlitz.net

This certificate was issued at 00:45 (GMT)
on Thursday 28 August 2008 with reference 0520978

CAUTION: while the message may well be from the sender
indicated in the "From:" header, the sender
has NOT been authenticated by this service

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http://www.itconsult.co.uk/stamper.htm

#####
```

SUBMISSION TYPE: TSU  
SUBMITTED BY: Dwayne C. Litzenberger

SUBMITTED FOR: Dwayne C. Litzenberger  
POINT OF CONTACT: Dwayne C. Litzenberger  
PHONE and/or FAX: +1-613-693-1296  
MANUFACTURER: n/a  
PRODUCT NAME/MODEL #: The Python Cryptography Toolkit ("PyCrypto")  
ECCN: 5D002

NOTIFICATION: <http://www.pycrypto.org/>

Note: I am a Canadian citizen posting software to my website located in Canada. I am not certain whether PyCrypto contains enough US-origin cryptography to be covered by U.S. export controls, but I am submitting this anyway.

(Sorry for spamming the lists, but I want there to be a record of this.)

- - -

Dwayne C. Litzenberger <[dlitz@dlitz.net](mailto:dlitz@dlitz.net)>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45

-----BEGIN PGP SIGNATURE-----

Version: 2.6.3i

Charset: noconv

Comment: Stamper Reference Id: 0520978

iQEVAgUBSLX1DYGVnbVwth+BAQEcuwf9EWnXLqSO5bPzR9K9QnTPcsKbTljKjPxr  
d+q0E7eE8VtnvviUcTAR9o27yvzOPxdFT864MQA7OTSbPK39aGAgA4fgAgvYH9t  
UNjJ/kv8QLz/eq2fi/HNjyrwnqFnUI0uqwpOrQGbz8Y+SGpVh1gKqy1Ju45L+doq  
sxbzCOPjgRv2zDdNR/2SnFmDWQXv8dSeonwIHpQDft8/LVA/gHiTDmteQIOhJQ6o  
XYhY+HbRjsD741/GSpOt9IIN5ln0UgshFoLIndnNSAvWf4aPyh5KCN7ho+/BC0v/  
W/pqSSiPkwmblPHoOltTkNc0qKLAHXqMGJNhO8AkrYZOyJksb0HsA==  
=3oIX

-----END PGP SIGNATURE-----

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From dlitz@dlitz.net Sat Feb 28 21:45:09 2009

Date: Sat, 28 Feb 2009 21:45:09 -0500

From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>

To: Barry A Warsaw <barry@python.org>

Subject: PyCrypto license clarification

Message-ID: <20090301024509.GA13195@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Disposition: inline

User-Agent: Mutt/1.5.16 (2007-06-11)

Status: RO

Content-Length: 2535

Hi Barry,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

=====

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=====  
Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, and Wim Lewis, and they have all approved the following dedication for their contributions.

I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

=====  
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=====

Regards,  
- Dwayne

--

Dwayne C. Litzengerger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From barry@python.org Mon Mar 2 11:29:39 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <barry@python.org>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 6E01AC6640B

for <dwon@rivest.dlitz.net>; Mon, 2 Mar 2009 11:29:39 -0500 (EST)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 0644E1007A

for <dwon@rivest.dlitz.net>; Mon, 2 Mar 2009 10:29:39 -0600 (CST)  
Received: (vmmailmgr-postfix 8668 invoked by uid 1003); 2 Mar 2009 10:29:39 -0600  
Delivered-To: m-dlitz-dlitz@dlitz.net  
Received-SPF: none (python.org: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="barry@python.org"; helo=mail.wooz.org; client-ip=216.15.33.230  
Received: from mail.wooz.org (216-15-33-230.c3-0.slv-ubr2.lnh-slv.md.static.cable.rcn.com [216.15.33.230]) by goedel.dlitz.net (Postfix) with ESMTP id CCEA110073  
for <dlitz@dlitz.net>; Mon, 2 Mar 2009 10:29:38 -0600 (CST)  
Received: from snowdog.wooz.org (snowdog.wooz.org [192.168.11.202]) by mail.wooz.org (Postfix) with ESMTPSA id ACE30E3C9F  
for <dlitz@dlitz.net>; Mon, 2 Mar 2009 11:29:35 -0500 (EST)  
Message-Id: <09BF1A39-B015-4820-97A3-8642490C8254@python.org>  
From: Barry Warsaw <barry@python.org>  
To: Dwayne C. Litzenberger <dlitz@dlitz.net>  
In-Reply-To: <20090301024509.GA13195@rivest.dlitz.net>  
Content-Type: text/plain; charset=US-ASCII; format=flowed; delpsp=yes  
Content-Transfer-Encoding: quoted-printable  
Mime-Version: 1.0 (Apple Message framework v930.3)  
Subject: Re: PyCrypto license clarification  
Date: Mon, 2 Mar 2009 11:29:34 -0500  
References: <20090301024509.GA13195@rivest.dlitz.net>  
X-Pgp-Agent: GPGMail d55 (v55, Leopard)  
X-Mailer: Apple Mail (2.930.3)  
Status: RO  
Content-Length: 869

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

On Feb 28, 2009, at 9:45 PM, Dwayne C. Litzenberger wrote:

> I am the new maintainer of the Python Cryptography Toolkit, and I am =20=

> working on a new release at <http://www.pycrypto.org/>.

Great! I'm glad to see someone taking up the mantle of this important =20=

Python library.

> I understand that you have made contributions to PyCrypto. May I, =20=

> on your behalf, dedicate to the public domain all your contributions =20=

> to PyCrypto, with the following notice?

Absolutely yes.

Cheers,

Barry

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.9 (Darwin)

iQCVAwUBSawJbnEjvBPtnXfVAQLZjgP/ecG+JdZwNvPJRfsa6rhY6+MHLdHI6agk  
evkJnSJQAcVHIZnVIVeR5IXgvDUMakZjU4SOV7MqkhsKA9llet7PaD9VSYgn3ra5  
gElwI2DQDoOy5GExXMm74gqrrb1PCCbCRmpaYNo+DZohwHkeFBjBwDRA3wItOrH7  
SK4w9VBJtfY=3D  
=3DQduY

-----END PGP SIGNATURE-----

-----  
Contributors

- 
- \* Kang Zhang
  - \* Tarek Ziad
  - \* Marcin Kasperski
  - \* Steve Borho
  - \* Michael Gruenewald
  - \* Jason R. Coombs
  - \* Benji York
  - \* Jonathan Ballet
  - \* Gary Poster
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  - \* Andr Sintzoff
  - \* Thomas Kluyver
  - \* Sebastian Ramacher
  - \* Robert Leftwich
  - \* Kyle Stark
  - \* Daniel Holth
  - \* Manuel de la Pea
  - \* Dmitry Shachnev

This package was debianized by Craig Silverstein <google-gflags@googlegroups.com> on  
Wed, 18 Jan 2012 13:57:39 -0800.

It was downloaded from <http://code.google.com/p/python-gflags/downloads/list>

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=====

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=====

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Date: Mon, 16 Feb 2009 12:58:00 -0800

From: Robey Pointer <robey@lag.net>

Subject: Re: PyCrypto license clarification

To: "Dwayne C. Litzenger" <dlitz@dlitz.net>

Received-SPF: pass (goedel.dlitz.net: domain of robey@lag.net designates 69.61.78.186 as permitted sender)

Message-Id: <F469A078-6305-4484-BEA8-F4EC38A4154F@lag.net>

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

On 23 Nov 2008, at 07:42, Dwayne C. Litzenger wrote:

> For the next PyCrypto release, I would like to take steps to move  
> toward a clearer licensing regime. I am asking as many copyright  
> holders as I can find if I can release PyCrypto under something  
> clearer and more standard. Below, I have quoted a public domain  
> dedication that was recommended in Intellectual Property and Open  
> Source: A Practical Guide to Protecting Code, by Van Lindberg. I  
> have already contacted A. M. Kuchling, and he has approved the  
> following dedication for his contributions.

>

> May I, on your behalf, dedicate to the public domain all your  
> contributions to PyCrypto, with the following notice?

>

>

> =

> =====

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> the

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> any purpose whatsoever. No rights are reserved.  
>  
> =  
> =====  
>

In case I haven't replied to this yet: Yes, this is fine with me.

robey

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.8 (Darwin)

iEYEARECAAYFAkmZ01gACgkQQQDkKvyJ6cOLvQCfQmYYuVODvIlyLg0hgCI9LAbQ  
SH8AoLJgaq1lli7/ZYDc+/Cd8VO0xLbr  
=Mv6g

-----END PGP SIGNATURE-----

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Wendy Cheng <wcheng at redhat.com>  
From dlitz@dlitz.net Sat Feb 28 23:24:14 2009  
Date: Sat, 28 Feb 2009 23:24:14 -0500  
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
To: Jeethu Rao <jeethurao@gmail.com>  
Subject: PyCrypto license clarification  
Message-ID: <20090301042414.GA15122@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 2513

Hi Jeethu,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

```
=====
```

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--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can

find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, and Wim Lewis, and they have all approved the following text for their contributions.

I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

```
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=====
```

Regards,  
- Dwayne

--

Dwayne C. Litzenger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From jeethurao@gmail.com Sun Mar 8 17:28:16 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <jeethurao@gmail.com>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 0CC83515D9

for <dwon@rivest.dlitz.net>; Sun, 8 Mar 2009 17:28:16 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 4E58F450CB

for <dwon@rivest.dlitz.net>; Sun, 8 Mar 2009 15:28:15 -0600 (CST)

Received: (vmailmgr-postfix 5011 invoked by uid 1003); 8 Mar 2009 15:28:15 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: pass (gmail.com ... \_spf.google.com: 209.85.198.249 is authorized to use 'jeethurao@gmail.com' in 'mfrom' identity (mechanism 'ip4:209.85.128.0/17' matched)) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="jeethurao@gmail.com"; helo=rv-out-0708.google.com; client-ip=209.85.198.249

Received: from rv-out-0708.google.com (unknown [209.85.198.249])

by goedel.dlitz.net (Postfix) with ESMTP id 3C097449E7

for <dlitz@dlitz.net>; Sun, 8 Mar 2009 15:28:12 -0600 (CST)

Received: by rv-out-0708.google.com with SMTP id k29so1252333rvb.26

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d=gmail.com; s=gamma;  
h=domainkey-signature:mime-version:received:in-reply-to:references  
:date:message-id:subject:from:to:content-type;  
bh=YWy9U32WCU/ksRqukHwaOZyJQBU4Yvt5mI20U6mI/g=;  
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B5E6VQuGVEyzBbNsctyVgq6DhQiQtouCLZymSViobmuDmKn5DtUKoxpDk0xCxQmHYaas  
L9/A6D3/J66kKrNBgX9mc0GPcZTviVFYkPR0Q=  
DomainKey-Signature: a=rsa-sha1; c=noaws;  
d=gmail.com; s=gamma;  
h=mime-version:in-reply-to:references:date:message-id:subject:from:to  
:content-type;  
b=Ym7CStuDEfJKay1AJyWzkZmJA1lnTcwCG6akBHAXLld8ht6PFcmlsffzZG8hJCIVJ8  
vljqcT+G6cywVTBw1pyGX7ECYzr0+vhGvgdpACGrS24zikHfpSSd5GFogzXaLVvGVH8p  
bqSHpfWKKtEP4gAQkiNeIq1GNtR2j8U3fnRyg=  
MIME-Version: 1.0  
Received: by 10.141.176.13 with SMTP id d13mr2656028rvp.231.1236547674677;  
Sun, 08 Mar 2009 14:27:54 -0700 (PDT)  
In-Reply-To: <20090301042414.GA15122@rivest.dlitz.net>  
References: <20090301042414.GA15122@rivest.dlitz.net>  
Date: Mon, 9 Mar 2009 02:57:54 +0530  
Message-ID: <e3c0ddba0903081427p3a7b1058g417dd8624df68d6d@mail.gmail.com>  
Subject: Re: PyCrypto license clarification  
From: Jeethu Rao <jeethurao@gmail.com>  
To: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
Content-Type: multipart/alternative; boundary=000e0cd209d0e5a3d40464a23054  
Status: RO  
Content-Length: 7668

--000e0cd209d0e5a3d40464a23054  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Dwayne, My contribution to pycrypto are very very minimal (The sha256  
module, IIRC).  
I'd be fine with the public domain license for PyCrypto.

Jeethu Rao  
PS: Apologies for the delay in my response.  
I don't really check this email address all that often,  
please direct any further correspondence to jeethu@jeethurao.com

On Sun, Mar 1, 2009 at 9:54 AM, Dwayne C. Litzenberger <dlitz@dlitz.net> wrote:

> Hi Jeethu,  
>  
> I am the new maintainer of the Python Cryptography Toolkit, and I am  
> working on a new release at <http://www.pycrypto.org/>.  
>

> People often ask me what license PyCrypto is covered by, if it's  
> GPL-compatible, etc. Right now, I'm not really sure what to tell them. The  
> text in the current LICENSE file (quoted below) is not entirely clear on the  
> point of whether distributing modified versions is allowed. (It says  
> "distribute and use", but not "modify".)  
>  
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> =====  
>  
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> not have to make source available or contribute your changes back  
> (though that would be nice).  
>  
> --amk (www.amk.ca)  
>  
> For the next PyCrypto release, I would like to take steps to move toward a  
> clearer licensing regime. I am asking as many copyright holders as I can  
> find if I can release PyCrypto under something clearer and more standard.  
> Below, I have quoted a public domain dedication that was recommended in  
> \_Intellectual Property and Open Source: A Practical Guide to Protecting  
> Code\_, by Van Lindberg. I have already contacted A. M. Kuchling, Robey  
> Pointer, and Wim Lewis, and they have all approved the following text for  
> their contributions.  
>  
> I understand that you have made contributions to PyCrypto. May I, on your  
> behalf, dedicate to the public domain all your contributions to PyCrypto,  
> with the following notice?  
>  
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> any purpose whatsoever. No rights are reserved.  
> =====  
>  
> Regards,  
> - Dwayne  
>  
> --  
> Dwayne C. Litzenger <dlitz@dlitz.net>  
> Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
>

--

Jeethu Rao

--000e0cd209d0e5a3d40464a23054

Content-Type: text/html; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

Hi Dwayne, My contribution to pycrypto are very very minimal (The sha256 module, IIRC). I'd be fine with the public domain license for PyCrypto. Jeethu Rao PS: Apologies for the delay in my response.

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-----

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not have to make source available or contribute your changes back<br>

(though that would be nice).<br>

<br>

--amk =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =  
=A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 (<a href=3D"http://www.amk.ca" target=3D=  
"\_blank">www.amk.ca</a>)<br>

<br>

For the next PyCrypto release, I would like to take steps to move toward a =  
clearer licensing regime. =A0I am asking as many copyright holders as I can=  
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=A0Below, I have quoted a public domain dedication that was recommended in =  
\_Intellectual Property and Open Source: A Practical Guide to Protecting Cod=  
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<br>

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r behalf, dedicate to the public domain all your contributions to PyCrypto,=  
with the following notice?<br>

<br>

=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=  
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extent that dedication to the public domain is not available, everyone<br>  
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to exercise all rights associated with the contents of this file for<br>  
any purpose whatsoever. =A0No rights are reserved.<br>

=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=  
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<br>

Regards,<br>

- Dwayne<br><font color=3D"#888888">

<br>

-- <br>

Dwayne C. Litzberger <<a href=3D"mailto:dlitz@dlitz.net" target=3D"\_bl=  
ank">dlitz@dlitz.net</a>><br>

=A0 =A0 =A0Key-signing key =A0 - 19E1 1FE8 B3CF F273 ED17 =A04A24 928C EC1=  
3 39C2 5CF7<br>

</font></blockquote></div><br><br clear=3D"all"><br>-- <br>Jeethu Rao<br>

</div></div>

--000e0cd209d0e5a3d40464a23054--

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### Dependent Modules

=====

This code has the following dependencies above and beyond the Python standard library:

httplib2 - MIT License

Copyright and licensing of the Python Cryptography Toolkit ("PyCrypto"):

~~~~~

Previously, the copyright and/or licensing status of the Python Cryptography Toolkit ("PyCrypto") had been somewhat ambiguous. The original intention of Andrew M. Kuchling and other contributors has been to dedicate PyCrypto to the public domain, but that intention was not necessarily made clear in the original disclaimer (see [LEGAL/copy/LICENSE.orig](#)).

Additionally, some files within PyCrypto had specified their own licenses that differed from the PyCrypto license itself. For example, the original RIPEMD.c module simply had a copyright statement and warranty disclaimer, without clearly specifying any license terms. (An updated version on the author's website came with a license that contained a GPL-incompatible advertising clause.)

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2. Replacing some modules with clearly-licensed code from other sources (e.g. the DES and DES3 modules were replaced with new ones based on Tom St. Denis's public-domain LibTomCrypt library.)
3. Replacing some modules with code written from scratch (e.g. the RIPEMD and Blowfish modules were re-implemented from their respective algorithm specifications without reference to the old implementations).
4. Removing some modules altogether without replacing them.

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Date: Sun, 23 Nov 2008 15:54:35 -0800  
From: Wim Lewis <wiml@hxxx.org>  
Subject: Re: PyCrypto license clarification  
To: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
Cc: Wim Lewis <wiml@hxxx.org>  
Message-Id: <9D5C3135-7414-47D7-9D41-0AC6C3A84D97@hxxx.org>

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

On November 23, 2008, you wrote:

>Hi Wim,

>

>I am the new maintainer of the Python Cryptography Toolkit, and I am  
>working on a new release at <http://www.pycrypto.org/>.

>

>I understand that you have made contributions to PyCrypto. May I, on  
>your behalf, dedicate to the public domain all your contributions to  
>PyCrypto, with the following notice?

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> =====

Certainly! I think the only code of mine in PyCrypto is the CAST-5 / CAST-128 implementation, which already has a public-domain notice at the top of the file. But I am happy to have that, any any other code of mine that might have wandered in there under an unclear open sourcish license, distributed under the public-domain dedication you quote.

Wim.

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.6 (Darwin)

iQCVAwUBSSnnA18UnN8n93LBAQLp/gQAhr7x8Av1mstc2kxEJDWTm26PTAZxMz4B  
FektbDOzkxgc5580MGGeX/MVn8aw+1BHg0YD85gsntlDzkcQtb+BR/xAvJ5zKyA  
J/Mn/I+I6ekJQ3juh8IPHLAduOXM9Rtguas/yR+Doaq0xOPKobx+/5+t1lJtBcZ  
wrPEa9Oui9s=  
=zSY9

-----END PGP SIGNATURE-----

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=====

This code has the following dependencies  
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From dlitz@dlitz.net Sat Feb 28 23:24:14 2009

Date: Sat, 28 Feb 2009 23:24:14 -0500

From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>

To: Jeethu Rao <jeethurao@gmail.com>

Subject: PyCrypto license clarification

Message-ID: <20090301042414.GA15122@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Disposition: inline

User-Agent: Mutt/1.5.16 (2007-06-11)

Status: RO

Content-Length: 2513

Hi Jeethu,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

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--amk

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For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, and Wim Lewis, and they have all approved the following text for their contributions.

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=====
```

Regards,  
- Dwayne

--

Dwayne C. Litzberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From jeethurao@gmail.com Sun Mar 8 17:28:16 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <jeethurao@gmail.com>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 0CC83515D9

for <dwon@rivest.dlitz.net>; Sun, 8 Mar 2009 17:28:16 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 4E58F450CB

for <dwon@rivest.dlitz.net>; Sun, 8 Mar 2009 15:28:15 -0600 (CST)

Received: (vmailmgr-postfix 5011 invoked by uid 1003); 8 Mar 2009 15:28:15 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: pass (gmail.com ... \_spf.google.com: 209.85.198.249 is authorized to use 'jeethurao@gmail.com' in 'mfrom' identity (mechanism 'ip4:209.85.128.0/17' matched)) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="jeethurao@gmail.com"; helo=rv-out-0708.google.com; client-ip=209.85.198.249

Received: from rv-out-0708.google.com (unknown [209.85.198.249])

by goedel.dlitz.net (Postfix) with ESMTP id 3C097449E7

for <dlitz@dlitz.net>; Sun, 8 Mar 2009 15:28:12 -0600 (CST)



Received: by rv-out-0708.google.com with SMTP id k29so1252333rvb.26

for <dlitz@dlitz.net>; Sun, 08 Mar 2009 14:27:56 -0700 (PDT)

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;

d=gmail.com; s=gamma;

h=domainkey-signature:mime-version:received:in-reply-to:references

:date:message-id:subject:from:to:content-type;

bh=YWy9U32WCU/ksRqukHwaOZyJQBUs4Yvt5mI20U6mI/g=;

b=oMjI22IIxYiJKge2zNJW3rRiUi9LqFXmey5Wp0pLItuNF+X3duyfhopTuBAKw7MwVY  
B5E6VQuGVEyzBbNsctyVgq6DhQiQtouCLZymSViobmuDmKn5DtUKoxpDk0xCxQmHYaas  
L9/A6D3/J66kKrNBgX9mc0GPcZTviVFYkPR0Q=

DomainKey-Signature: a=rsa-sha1; c=noaws;

d=gmail.com; s=gamma;

h=mime-version:in-reply-to:references:date:message-id:subject:from:to

:content-type;

b=Ym7CStuDEfJKay1AJyWZkZmJA1lnTcwCG6akBHAXLld8ht6PFcmIsffzZG8hJCIVJ8  
vljqcT+G6cywVTBw1pyGX7ECYzr0+vhGvgdpACGrS24zikHfpSSd5GFogzXaLVvGVH8p  
bqSHpfWKKtEP4gAQkiNeIq1GNtR2j8U3fnRyg=

MIME-Version: 1.0

Received: by 10.141.176.13 with SMTP id d13mr2656028rvp.231.1236547674677;

Sun, 08 Mar 2009 14:27:54 -0700 (PDT)

In-Reply-To: <20090301042414.GA15122@rivest.dlitz.net>

References: <20090301042414.GA15122@rivest.dlitz.net>

Date: Mon, 9 Mar 2009 02:57:54 +0530

Message-ID: <e3c0ddba0903081427p3a7b1058g417dd8624df68d6d@mail.gmail.com>

Subject: Re: PyCrypto license clarification

From: Jeethu Rao <jeethurao@gmail.com>

To: "Dwayne C. Litzenger" <dlitz@dlitz.net>

Content-Type: multipart/alternative; boundary=000e0cd209d0e5a3d40464a23054

Status: RO

Content-Length: 7668

--000e0cd209d0e5a3d40464a23054

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Hi Dwayne, My contribution to pycrypto are very very minimal (The sha256 module, IIRC).

I'd be fine with the public domain license for PyCrypto.

Jeethu Rao

PS: Apologies for the delay in my response.

I don't really check this email address all that often,

please direct any further correspondence to jeethu@jeethurao.com

On Sun, Mar 1, 2009 at 9:54 AM, Dwayne C. Litzenger <dlitz@dlitz.net> wrote:

> Hi Jeethu,

>

> I am the new maintainer of the Python Cryptography Toolkit, and I am  
> working on a new release at <http://www.pycrypto.org/>.

>

> People often ask me what license PyCrypto is covered by, if it's  
> GPL-compatible, etc. Right now, I'm not really sure what to tell them. The  
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> =====

> Distribute and use freely; there are no restrictions on further  
> dissemination and usage except those imposed by the laws of your  
> country of residence. This software is provided "as is" without  
> warranty of fitness for use or suitability for any purpose, express  
> or implied. Use at your own risk or not at all.

> =====

>

> Incorporating the code into commercial products is permitted; you do  
> not have to make source available or contribute your changes back  
> (though that would be nice).

>

> --amk (www.amk.ca)

>

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>

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> extent that dedication to the public domain is not available, everyone  
> is granted a worldwide, perpetual, royalty-free, non-exclusive license  
> to exercise all rights associated with the contents of this file for  
> any purpose whatsoever. No rights are reserved.

> =====

>

> Regards,  
> - Dwayne

>

> --



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<br>

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(though that would be nice).<br>

<br>

--amk =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =

=A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0 =A0(<a href=3D"http://www.amk.ca" target=3D=

"\_blank">www.amk.ca</a>)<br>

<br>

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clearer licensing regime. =A0I am asking as many copyright holders as I can=

find if I can release PyCrypto under something clearer and more standard. =

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ter, and Wim Lewis, and they have all approved the following text for their=

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<br>

Regards,<br>

- Dwayne<br><font color=3D"#888888">

<br>

-- <br>

Dwayne C. Litzengerger <<a href=3D"mailto:dclitz@dclitz.net" target=3D"\_bl=

ank">dclitz@dclitz.net</a>><br>

=A0 =A0 =A0Key-signing key =A0 - 19E1 1FE8 B3CF F273 ED17 =A0A4A24 928C EC1=

3 39C2 5CF7<br>

</font></blockquote></div><br><br clear=3D"all"><br>-- <br>Jeethu Rao<br>

</div></div>

--000e0cd209d0e5a3d40464a23054--

From dlitz@dlitz.net Sat Apr 18 09:14:20 2009  
Date: Sat, 18 Apr 2009 09:14:20 -0400  
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
To: Mark Moraes <moraes@computer.org>  
Subject: PyCrypto license clarification  
Message-ID: <20090418131419.GA14494@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 2635

Hi Mark,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

```
=====
Distribute and use freely; there are no restrictions on further
dissemination and usage except those imposed by the laws of your
country of residence. This software is provided "as is" without
warranty of fitness for use or suitability for any purpose, express
or implied. Use at your own risk or not at all.
=====
```

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in *Intellectual Property and Open Source: A Practical Guide to Protecting Code*, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, Wim Lewis, Jeethu Rao, and Barry Warsaw, and they have all approved the following dedication for their contributions.

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extent that dedication to the public domain is not available, everyone
is granted a worldwide, perpetual, royalty-free, non-exclusive license
to exercise all rights associated with the contents of this file for
any purpose whatsoever. No rights are reserved.
=====
```

Regards,  
- Dwayne

--

Dwayne C. Litzenger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From markmoraes@yahoo.com Mon Apr 20 19:25:37 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <markmoraes@yahoo.com>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 5D9AE984FDD

for <dwon@rivest.dlitz.net>; Mon, 20 Apr 2009 19:25:37 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id DE41F4025F

for <dwon@rivest.dlitz.net>; Mon, 20 Apr 2009 17:25:36 -0600 (CST)

Received: (vmailmgr-postfix 7604 invoked by uid 1003); 20 Apr 2009 17:25:36 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: none (yahoo.com: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="markmoraes@yahoo.com"; helo=web32405.mail.mud.yahoo.com; client-ip=68.142.207.198

Received: from web32405.mail.mud.yahoo.com (web32405.mail.mud.yahoo.com [68.142.207.198])

by goedel.dlitz.net (Postfix) with SMTP id B5EAF401EE

for <dlitz@dlitz.net>; Mon, 20 Apr 2009 17:25:36 -0600 (CST)

Received: (qmail 34697 invoked by uid 60001); 20 Apr 2009 23:25:33 -0000

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed; d=yahoo.com; s=s1024; t=1240269933;

bh=OvxqbYnCg7R6tUN3YmlgFURM3CuHh1JeHyXhDzkaThU=; h=Message-ID:X-YMail-OSG:Received:X-

Mailer:Date:From:Reply-To:Subject:To:MIME-Version:Content-Type;

b=F2h2bFzpQxyKFZ8BhenniyupGw4Zvlekb9BSk91qKU+51W/TkSGBij5YZIhLQdkQk0qLz5f4g8dT6bOME3s  
EY1j10hlx0K0u2UD0yoYTINBCmsdMQRoJ7ph9bmt+p/EJhRpe+FiV6aoLV0FONWiHfGDghPT1dulWXfVTqgB  
2aU=

DomainKey-Signature:a=rsa-sha1; q=dns; c=noFWS;

s=s1024; d=yahoo.com;

h=Message-ID:X-YMail-OSG:Received:X-Mailer:Date:From:Reply-To:Subject:To:MIME-Version:Content-Type;

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eo=;

Message-ID: <551071.34569.qm@web32405.mail.mud.yahoo.com>

X-YMail-OSG:

FrK8aWMVM1mFJtLpMGbUbCLjbUQC.i.JkIAKUHSFsFn7t9PbtewAewXJ2uhZGCOIGCX6oVnG3u.CgqzAffY  
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Hzf7Zbpa8P1Yoe\_xSzf3OAgRSh5fCrbFCC8sHPCuwrL3YhasbtHmkWffteSS.x6gEcBaxf03oz4FeDb5mpJ54g11X  
onq8h\_TmzX9g84Bin9g\_3fJ4WSXm6g6.tohLyfXcUxoz4j036wyWpTKPrWEzIUQaN83Sv\_bj\_Ghxw--

Received: from [69.124.140.74] by web32405.mail.mud.yahoo.com via HTTP; Mon, 20 Apr 2009 16:25:32 PDT

X-Mailer: YahooMailClassic/5.2.15 YahooMailWebService/0.7.289.1

Date: Mon, 20 Apr 2009 16:25:32 -0700 (PDT)

From: M Moraes <markmoraes@yahoo.com>

Reply-To: moraes@computer.org

Subject: Re: PyCrypto license clarification

To: "Dwayne C. Litzenger" <dlitz@dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Status: RO

X-Status: A

Content-Length: 3222

Hi Dwayne.

Sure, the new license sounds fine for all my contributions to PyCrypto, and thanks for taking it on. My apologies for not responding to your previous e-mail.

Regards,

Mark.

--- On Sat, 4/18/09, Dwayne C. Litzenger <dlitz@dlitz.net> wrote:

> From: Dwayne C. Litzenger <dlitz@dlitz.net>  
> Subject: PyCrypto license clarification  
> To: "Mark Moraes" <moraes@computer.org>  
> Date: Saturday, April 18, 2009, 9:14 AM  
> Hi Mark,  
>  
> I am the new maintainer of the Python Cryptography Toolkit,  
> and I am  
> working on a new release at <http://www.pycrypto.org/>.  
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> People often ask me what license PyCrypto is covered by, if  
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>     --amk  
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>     ([www.amk.ca](http://www.amk.ca))  
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>  
> =====

>  
> Regards,  
> - Dwayne  
>  
> -- Dwayne C. Litzenger <dlitz@dlitz.net>  
> Key-signing key - 19E1  
> 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
>

From dlitz@dlitz.net Mon Apr 20 20:01:37 2009  
Date: Mon, 20 Apr 2009 20:01:37 -0400  
From: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
To: moraes@computer.org  
Subject: Re: PyCrypto license clarification  
Message-ID: <20090421000137.GA29012@rivest.dlitz.net>  
References: <551071.34569.qm@web32405.mail.mud.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
In-Reply-To: <551071.34569.qm@web32405.mail.mud.yahoo.com>  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO

Content-Length: 3677

Thanks a lot, and don't worry about not responding to previous emails. I do that too much myself. :)

On Mon, Apr 20, 2009 at 04:25:32PM -0700, M Moraes wrote:

>

>Hi Dwayne.

>

>Sure, the new license sounds fine for all my contributions to PyCrypto, and thanks for taking it on. My apologies for not responding to your previous e-mail.

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>> Date: Saturday, April 18, 2009, 9:14 AM

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>> rights are reserved.

>>

>> =====

>>

>> Regards,

>> - Dwayne

>>

>> -- Dwayne C. Litzberger <dlitz@dlitz.net>

>> Key-signing key - 19E1

>> 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

>>

>

--

Dwayne C. Litzberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

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- \* [Jon Wayne Parrott](<https://github.com/jonparrott>)
- \* [Danny Hermes](<https://github.com/dhermes>)

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Date: Sun, 2 Aug 2009 21:48:25 -0400  
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To: Paul Swartz <paulswartz@gmail.com>  
Subject: PyCrypto license clarification  
Message-ID: <20090803014825.GA1326@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 2631

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--amk (www.amk.ca)

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I understand that you have made contributions to PyCrypto, under nickname "z3p" and/or other names. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

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- Dwayne

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Dwayne C. Litzemberger <dlitz@dlitz.net>  
Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From paulswartz@gmail.com Mon Aug 3 12:14:07 2009  
X-Maildir-Dup-Checked: Yes  
Return-Path: <paulswartz@gmail.com>  
X-Original-To: dwon@rivest.dlitz.net  
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Y9++76rPGzqYdALsfvsmwv7Q3/bEmjVTr0tQE=

DomainKey-Signature: a=rsa-sha1; c=noFWS;

d=gmail.com; s=gamma;

h=mime-version:in-reply-to:references:from:date:message-id:subject:to

:content-type:content-transfer-encoding;

b=jze7KSMkUGilfVCXKXaaXMi5NAtGdMQOtVZZfRNyGSy68xOd2sxefjyyig3Eft6Nv6

Q3opUMsT96Q6zjZND55w446kTh2uBTnz4d3NwIeEWJnG3xcliRQu/mXPfP8AzPI3CefL

1ornJLM1eQ2XyuZA73jem+SJtfdHUcSD1UhgI=

MIME-Version: 1.0

Received: by 10.239.157.147 with SMTP id q19mr601802hbc.61.1249316043185; Mon,

03 Aug 2009 09:14:03 -0700 (PDT)

In-Reply-To: <20090803014825.GA1326@rivest.dlitz.net>

References: <20090803014825.GA1326@rivest.dlitz.net>

From: Paul Swartz <paulswartz@gmail.com>

Date: Mon, 3 Aug 2009 12:13:43 -0400

Message-ID: <324cfb540908030913x71d331f0kb069052f74e5ae6b@mail.gmail.com>

Subject: Re: PyCrypto license clarification

To: "Dwayne C. Litzenger" <dlitz@dlitz.net>

Content-Type: text/plain; charset=UTF-8

Content-Transfer-Encoding: quoted-printable

Status: RO

X-Status: A

Content-Length: 1450

On Sun, Aug 2, 2009 at 9:48 PM, Dwayne C. Litzenger<dlitz@dlitz.net> wro=

te:

> Hi Paul,

>

> I am the new maintainer of the Python Cryptography Toolkit, and I am

> working on a new release at <http://www.pycrypto.org/>.

That's great!

> I understand that you have made contributions to PyCrypto, under nickname  
> "z3p" and/or other names. =C2=A0May I, on your behalf, dedicate to the pu=  
blic  
> domain all your contributions to PyCrypto, with the following notice?  
>  
> =C2=A0=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=  
=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=  
=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=  
> =C2=A0The contents of this file are dedicated to the public domain. =C2=  
=A0To the  
> =C2=A0extent that dedication to the public domain is not available, every=  
one  
> =C2=A0is granted a worldwide, perpetual, royalty-free, non-exclusive lice=  
nse  
> =C2=A0to exercise all rights associated with the contents of this file fo=  
r  
> =C2=A0any purpose whatsoever. =C2=A0No rights are reserved.  
> =C2=A0=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=  
=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=  
=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D

Yes, that's fine. Good luck with the new release!

-P  
--=20  
Paul Swartz  
paulswartz at gmail dot com  
<http://paulswartz.net/>  
AIM: z3penguin

From dlitz@dlitz.net Mon Aug 3 14:35:01 2009  
Date: Mon, 3 Aug 2009 14:35:01 -0400  
From: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
To: Paul Swartz <paulswartz@gmail.com>  
Subject: Re: PyCrypto license clarification  
Message-ID: <20090803183501.GA17472@rivest.dlitz.net>  
References: <20090803014825.GA1326@rivest.dlitz.net>  
<324cfb540908030913x71d331f0kb069052f74e5ae6b@mail.gmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1; format=flowed  
Content-Disposition: inline  
Content-Transfer-Encoding: 8bit  
In-Reply-To: <324cfb540908030913x71d331f0kb069052f74e5ae6b@mail.gmail.com>  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: <http://www.dlitz.net/>  
X-OpenPGP: url=<http://www.dlitz.net/go/gpgkey/>;

id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/;  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 1250

On Mon, Aug 03, 2009 at 12:13:43PM -0400, Paul Swartz wrote:

>On Sun, Aug 2, 2009 at 9:48 PM, Dwayne C. Litzenger<dlitz@dlitz.net> wrote:

>> Hi Paul,

>>

>> I am the new maintainer of the Python Cryptography Toolkit, and I am

>> working on a new release at <http://www.pycrypto.org/>.

>

>That's great!

>

>> I understand that you have made contributions to PyCrypto, under nickname

>> "z3p" and/or other names. May I, on your behalf, dedicate to the public

>> domain all your contributions to PyCrypto, with the following notice?

>>

>> =====

>> The contents of this file are dedicated to the public domain. To the  
>> extent that dedication to the public domain is not available, everyone  
>> is granted a worldwide, perpetual, royalty-free, non-exclusive license  
>> to exercise all rights associated with the contents of this file for  
>> any purpose whatsoever. No rights are reserved.

>> =====

>

>Yes, that's fine. Good luck with the new release!

Perfect! Thanks for the quick response!

--

Dwayne C. Litzenger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

Copyright and licensing of the Python Cryptography Toolkit ("PyCrypto"):

~~~~~

Previously, the copyright and/or licensing status of the Python  
Cryptography Toolkit ("PyCrypto") had been somewhat ambiguous. The  
original intention of Andrew M. Kuchling and other contributors has  
been to dedicate PyCrypto to the public domain, but that intention was  
not necessarily made clear in the original disclaimer (see  
<LEGAL/copy/LICENSE.orig>).

Additionally, some files within PyCrypto had specified their own

licenses that differed from the PyCrypto license itself. For example, the original RIPEMD.c module simply had a copyright statement and warranty disclaimer, without clearly specifying any license terms. (An updated version on the author's website came with a license that contained a GPL-incompatible advertising clause.)

To rectify this situation for PyCrypto 2.1, the following steps have been taken:

1. Obtaining explicit permission from the original contributors to dedicate their contributions to the public domain if they have not already done so. (See the "LEGAL/copy/stmts" directory for contributors' statements.)
2. Replacing some modules with clearly-licensed code from other sources (e.g. the DES and DES3 modules were replaced with new ones based on Tom St. Denis's public-domain LibTomCrypt library.)
3. Replacing some modules with code written from scratch (e.g. the RIPEMD and Blowfish modules were re-implemented from their respective algorithm specifications without reference to the old implementations).
4. Removing some modules altogether without replacing them.

To the best of our knowledge, with the exceptions noted below or within the files themselves, the files that constitute PyCrypto are in the public domain. Most are distributed with the following notice:

The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone is granted a worldwide, perpetual, royalty-free, non-exclusive license to exercise all rights associated with the contents of this file for any purpose whatsoever.  
No rights are reserved.

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From dlitz@dlitz.net Sat Feb 28 21:45:09 2009

Date: Sat, 28 Feb 2009 21:45:09 -0500

From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>

To: Barry A Warsaw <barry@python.org>

Subject: PyCrypto license clarification

Message-ID: <20090301024509.GA13195@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Disposition: inline

User-Agent: Mutt/1.5.16 (2007-06-11)

Status: RO

Content-Length: 2535

Hi Barry,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's

GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

```
=====
Distribute and use freely; there are no restrictions on further
dissemination and usage except those imposed by the laws of your
country of residence. This software is provided "as is" without
warranty of fitness for use or suitability for any purpose, express
or implied. Use at your own risk or not at all.
=====
```

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, and Wim Lewis, and they have all approved the following dedication for their contributions.

I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

```
=====
The contents of this file are dedicated to the public domain. To the
extent that dedication to the public domain is not available, everyone
is granted a worldwide, perpetual, royalty-free, non-exclusive license
to exercise all rights associated with the contents of this file for
any purpose whatsoever. No rights are reserved.
=====
```

Regards,  
- Dwayne

--  
Dwayne C. Litzberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From barry@python.org Mon Mar 2 11:29:39 2009

X-Maildir-Dup-Checked: Yes  
Return-Path: <barry@python.org>  
X-Original-To: dwon@rivest.dlitz.net  
Delivered-To: dwon@rivest.dlitz.net  
Received: from goedel.dlitz.net (unknown [10.159.255.6])  
by rivest.dlitz.net (Postfix) with ESMTP id 6E01AC6640B  
for <dwon@rivest.dlitz.net>; Mon, 2 Mar 2009 11:29:39 -0500 (EST)  
Received: from localhost (localhost [127.0.0.1])  
by goedel.dlitz.net (Postfix) with QMQP id 0644E1007A  
for <dwon@rivest.dlitz.net>; Mon, 2 Mar 2009 10:29:39 -0600 (CST)  
Received: (vmmailmgr-postfix 8668 invoked by uid 1003); 2 Mar 2009 10:29:39 -0600  
Delivered-To: m-dlitz-dlitz@dlitz.net  
Received-SPF: none (python.org: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom;  
envelope-from="barry@python.org"; helo=mail.wooz.org; client-ip=216.15.33.230  
Received: from mail.wooz.org (216-15-33-230.c3-0.slv-ubr2.lnh-slv.md.static.cable.rcn.com [216.15.33.230])  
by goedel.dlitz.net (Postfix) with ESMTP id CCEA110073  
for <dlitz@dlitz.net>; Mon, 2 Mar 2009 10:29:38 -0600 (CST)  
Received: from snowdog.wooz.org (snowdog.wooz.org [192.168.11.202])  
by mail.wooz.org (Postfix) with ESMTPSA id ACE30E3C9F  
for <dlitz@dlitz.net>; Mon, 2 Mar 2009 11:29:35 -0500 (EST)  
Message-Id: <09BF1A39-B015-4820-97A3-8642490C8254@python.org>  
From: Barry Warsaw <barry@python.org>  
To: Dwayne C. Litzenberger <dlitz@dlitz.net>  
In-Reply-To: <20090301024509.GA13195@rivest.dlitz.net>  
Content-Type: text/plain; charset=US-ASCII; format=flowed; delpsp=yes  
Content-Transfer-Encoding: quoted-printable  
Mime-Version: 1.0 (Apple Message framework v930.3)  
Subject: Re: PyCrypto license clarification  
Date: Mon, 2 Mar 2009 11:29:34 -0500  
References: <20090301024509.GA13195@rivest.dlitz.net>  
X-Pgp-Agent: GPGMail d55 (v55, Leopard)  
X-Mailer: Apple Mail (2.930.3)  
Status: RO  
Content-Length: 869

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

On Feb 28, 2009, at 9:45 PM, Dwayne C. Litzenberger wrote:

> I am the new maintainer of the Python Cryptography Toolkit, and I am =20=

> working on a new release at <http://www.pycrypto.org/>.

Great! I'm glad to see someone taking up the mantle of this important =20=

Python library.



> I understand that you have made contributions to PyCrypto. May I, =20  
> on your behalf, dedicate to the public domain all your contributions =20=  
  
> to PyCrypto, with the following notice?

Absolutely yes.

Cheers,  
Barry

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.9 (Darwin)

iQCVAwUBSawJbnEjvBPtnXfVAQLZjgP/ecG+JdZwNvPJRfsa6rhY6+MHLdHI6agk  
evkInSJQAcVHIznVIVeR5IXgvDUMakZjU4SOV7MqkhsKA9IIet7PaD9VSYgn3ra5  
gElwI2DQDoOy5GExXMm74gqrrb1PCCbCRmpaYNo+DZohwHkeFBjwDRA3wItOrH7  
SK4w9VBJtfY=3D  
=3DQduY

-----END PGP SIGNATURE-----

From dlitz@dlitz.net Wed Aug 27 20:54:38 EDT 2008

X-Maildir-Dup-Checked: Yes

Return-Path: <dlitz@dlitz.net>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id ECFDFC6641D

for <dwon@rivest.dlitz.net>; Wed, 27 Aug 2008 20:45:06 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 99A9D100AA

for <dwon@rivest.dlitz.net>; Wed, 27 Aug 2008 18:45:05 -0600 (CST)

Received: (vmmailmgr-postfix 3270 invoked by uid 1003); 27 Aug 2008 18:45:05 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: pass (goedel.dlitz.net: domain of dlitz@dlitz.net designates 193.201.42.13 as permitted sender)

Received: from m14.itconsult.net (m14.itconsult.net [193.201.42.13])

by goedel.dlitz.net (Postfix) with ESMTP id 1D3B510088

for <dlitz@dlitz.net>; Wed, 27 Aug 2008 18:45:04 -0600 (CST)

Received: from stamper.itconsult.co.uk (stamper.itconsult.co.uk

[193.201.42.31]) by m14.stamper.itconsult.co.uk (GMS

15.01.3664/NT8923.00.54dca388) with SMTP id jfxsjqaa for dlitz@dlitz.net;

Thu, 28 Aug 2008 01:45:02 +0100

To: crypt@bis.doc.gov,

enc@nsa.gov,

web\_site@bis.doc.gov,

pycrypto@lists.dlitz.net,

PYTHON-CRYPTO@NIC.SURFNET.NL,

dlitz@dlitz.net

Received-SPF: Pass (m14.stamper.itconsult.co.uk: domain of dlitz@dlitz.net

designates 64.5.53.201 as permitted sender) identity=mailfrom;

client-ip=64.5.53.201; receiver=m14.stamper.itconsult.co.uk;  
helo=goedel.dlitz.net; mechanism=-all; envelope-from=dlitz@dlitz.net;  
Received: from goedel.dlitz.net (goedel.dlitz.net [64.5.53.201]) by  
m14.stamper.itconsult.co.uk (GMS 15.01.3664/NT8923.00.54dca388) with ESMTP id  
taxsjqaa for post@stamper.itconsult.co.uk; Thu, 28 Aug 2008 01:42:58 +0100  
Received: from rivest.dlitz.net (rivest.dlitz.net [IPv6:2002:4c0a:9133:1104::1])  
by goedel.dlitz.net (Postfix) with ESMTP id 667C7100B1  
for <post@stamper.itconsult.co.uk>; Wed, 27 Aug 2008 18:42:56 -0600 (CST)  
Received: by rivest.dlitz.net (Postfix, from userid 1000)  
id B92F8C66420; Wed, 27 Aug 2008 20:42:55 -0400 (EDT)  
Received: by rivest.dlitz.net (tmdb-sendmail, from uid 1000);  
Wed, 27 Aug 2008 20:42:54 -0400  
Date: Wed, 27 Aug 2008 20:42:54 -0400  
Cc: post@stamper.itconsult.co.uk  
Subject: PyCrypto TSU NOTIFICATION  
Message-ID: <20080828004254.GA31214@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
X-Delivery-Agent: TMDA/1.1.9 (Jura)  
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
X-DNSBL: 0  
Status: O  
Content-Length: 2182  
Lines: 65

-----BEGIN PGP SIGNED MESSAGE-----

#####

#

# This is a proof of posting certificate from  
# stamper.itconsult.co.uk certifying that a user  
# claiming to be:-  
# dlitz@dlitz.net  
# requested that this message be sent to:-  
# crypt@bis.doc.gov  
# enc@nsa.gov  
# web\_site@bis.doc.gov  
# pycrypto@lists.dlitz.net

# PYTHON-CRYPTO@NIC.SURFNET.NL  
# dlitz@dlitz.net  
#  
# This certificate was issued at 00:45 (GMT)  
# on Thursday 28 August 2008 with reference 0520978  
#  
# CAUTION: while the message may well be from the sender  
# indicated in the "From:" header, the sender  
# has NOT been authenticated by this service  
#  
# For information about the Stamper service see  
# <http://www.itconsult.co.uk/stamper.htm>  
#  
#####

SUBMISSION TYPE: TSU  
SUBMITTED BY: Dwayne C. Litzenberger  
SUBMITTED FOR: Dwayne C. Litzenberger  
POINT OF CONTACT: Dwayne C. Litzenberger  
PHONE and/or FAX: +1-613-693-1296  
MANUFACTURER: n/a  
PRODUCT NAME/MODEL #: The Python Cryptography Toolkit ("PyCrypto")  
ECCN: 5D002

NOTIFICATION: <http://www.pycrypto.org/>

Note: I am a Canadian citizen posting software to my website located in Canada. I am not certain whether PyCrypto contains enough US-origin cryptography to be covered by U.S. export controls, but I am submitting this anyway.

(Sorry for spamming the lists, but I want there to be a record of this.)

---

Dwayne C. Litzenberger <dlitz@dlitz.net>  
Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45

-----BEGIN PGP SIGNATURE-----

Version: 2.6.3i  
Charset: noconv  
Comment: Stamper Reference Id: 0520978

iQEVAgUBSLX1DYGVnbVwth+BAQEcuwf9EWnXLqSO5bPzR9K9QnTPcsKbTljKjPxr  
d+q0E7eE8VtnvviUcTAR9o27yvzOPxdFT864MQA7OTSbPK39aGAgA4fgAgvYH9t  
UNjJ/kv8QLz/aa2fi/HNjyrwnqFnUl0uqwpOrQGbz8Y+SGpVh1gKqy1Ju45L+doq  
sxbzCOpjgRv2zDdNR/2SnFmDWQXv8dSeonwIHpQDft8/LVA/gHiTDmteQlOhJQ6o

XYhY+HbRjsD741/GSpOt9IIN5ln0UgshFoLIndnNSAvWf4aPyh5KCN7ho+/BC0v/  
W/pqSSIPkwmblPHoOltTkNc0qKLAHXqMGJNhO8AkrYZOyJksb0HsA==  
=3oIX

-----END PGP SIGNATURE-----

Date: Sun, 23 Nov 2008 15:54:35 -0800

From: Wim Lewis <wiml@hxxx.org>

Subject: Re: PyCrypto license clarification

To: "Dwayne C. Litzenger" <dlitz@dlitz.net>

Cc: Wim Lewis <wiml@hxxx.org>

Message-Id: <9D5C3135-7414-47D7-9D41-0AC6C3A84D97@hxxx.org>

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

On November 23, 2008, you wrote:

>Hi Wim,

>

>I am the new maintainer of the Python Cryptography Toolkit, and I am  
>working on a new release at <http://www.pycrypto.org/>.

>

>I understand that you have made contributions to PyCrypto. May I, on  
>your behalf, dedicate to the public domain all your contributions to  
>PyCrypto, with the following notice?

>

> =====  
> The contents of this file are dedicated to the public domain. To the  
> extent that dedication to the public domain is not available, everyone  
> is granted a worldwide, perpetual, royalty-free, non-exclusive license  
> to exercise all rights associated with the contents of this file for  
> any purpose whatsoever. No rights are reserved.  
> =====

Certainly! I think the only code of mine in PyCrypto is the CAST-5 / CAST-128  
implementation, which already has a public-domain notice at the top of  
the file. But I am happy to have that, any any other code of mine that  
might have wandered in there under an unclear open sourcish license,  
distributed under the public-domain dedication you quote.

Wim.

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.6 (Darwin)

iQCVAwUBSSnnA18UnN8n93LBAQLp/gQAhr7x8Av1mstc2kxEJDWTm26PTAZxMz4B  
FektbDOzkxgc5580MGGeX/MVn8aw+1BHg0YD85gsntlDzkcQtb+BR/xAvJ5zKyA  
J/Mn/I+I6ekJQ3juh8IPHLAduOXM9Rtguas/yR+Doaq0xOPKoBx+/5+t1lJtBcZ  
wrPEa9Oui9s=  
=zSY9

-----END PGP SIGNATURE-----

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<http://www.apache.org/licenses/>

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```
.. include: ../LICENSE.rst
From dlitz@dlitz.net Mon May 4 22:49:14 2009
Date: Mon, 4 May 2009 22:49:14 -0400
From: "Dwayne C. Litzenger" <dlitz@dlitz.net>
To: Joris Bontje <joris@bontje.nl>
Subject: PyCrypto license clarification
Message-ID: <20090505024914.GA9219@rivest.dlitz.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Disposition: inline
User-Agent: Mutt/1.5.16 (2007-06-11)
Status: RO
Content-Length: 2553
```

Hi Joris,

I am the new maintainer of the Python Cryptography Toolkit, and I am  
working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's  
GPL-compatible, etc. Right now, I'm not really sure what to tell them.  
The text in the current LICENSE file (quoted below) is not entirely clear  
on the point of whether distributing modified versions is allowed. (It  
says "distribute and use", but not "modify".)

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=====
```

Incorporating the code into commercial products is permitted; you do

not have to make source available or contribute your changes back  
(though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, Barry Warsaw, Wim Lewis, Jeethu Rao, and Mark Moraes, and they have all approved the following dedication for their contributions.

I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

```
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=====
```

Regards,  
- Dwayne

--

Dwayne C. Litzengerger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From joris@bontje.nl Tue May 5 03:08:32 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <joris@bontje.nl>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 7AA4B9E5078

for <dwon@rivest.dlitz.net>; Tue, 5 May 2009 03:08:32 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 2315B40583

for <dwon@rivest.dlitz.net>; Tue, 5 May 2009 01:08:32 -0600 (CST)

Received: (vmmailmgr-postfix 16890 invoked by uid 1003); 5 May 2009 01:08:32 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: none (bontje.nl: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="joris@bontje.nl"; helo=smtp6.versatel.nl; client-ip=62.58.50.97

Received: from smtp6.versatel.nl (smtp6.versatel.nl [62.58.50.97])  
by goedel.dlitz.net (Postfix) with ESMTP id 2D76A4052C  
for <dlitz@dlitz.net>; Tue, 5 May 2009 01:08:30 -0600 (CST)  
Received: (qmail 4224 invoked by uid 0); 5 May 2009 07:08:25 -0000  
Received: from qmail06.zonnet.nl (HELO dell062.admin.zonnet.nl) ([10.170.1.123])  
(envelope-sender <joris@bontje.nl>)  
by 10.170.1.96 (qmail-ldap-1.03) with SMTP  
for <>; 5 May 2009 07:08:25 -0000  
Received: by dell062.admin.zonnet.nl (Postfix, from userid 33)  
id 9BE9B15759B; Tue, 5 May 2009 09:08:25 +0200 (CEST)  
Received: from firewall66.interaccess.nl (firewall66.interaccess.nl  
[193.173.35.66]) by www.webmail.vuurwerk.nl (Horde MIME library) with HTTP;  
Tue, 05 May 2009 09:08:25 +0200  
Message-ID: <20090505090825.gsq1ps7hg08wwwok@www.webmail.vuurwerk.nl>  
Date: Tue, 05 May 2009 09:08:25 +0200  
From: joris@bontje.nl  
To: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
Subject: Re: PyCrypto license clarification  
References: <20090505024914.GA9219@rivest.dlitz.net>  
In-Reply-To: <20090505024914.GA9219@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset=ISO-8859-1;  
format="flowed"  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit  
User-Agent: Internet Messaging Program (IMP) H3 (4.1.3)  
Status: RO  
X-Status: A  
Content-Length: 3488

Hi Dwayne,

Thanks for taking over the PyCrypto library and putting in the required effort to keep this going.

I was very excited to read that it is now one of the installed libraries for Google AppsEngine!

You have my full permission to dedicate all my contributions to PyCrypto to the public domain with your suggested notice:

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=====

Regards,  
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Citeren "Dwayne C. Litzenger" <dlitz@dlitz.net>:

> Hi Joris,

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>

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> not have to make source available or contribute your changes back

> (though that would be nice).

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> --amk (www.amk.ca)

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> =====  
>  
> Regards,  
> - Dwayne  
>  
> --  
> Dwayne C. Litzenberger <dlitz@dlitz.net>  
> Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From dlitz@dlitz.net Tue May 5 17:53:47 2009  
Date: Tue, 5 May 2009 17:53:47 -0400  
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
To: joris@bontje.nl  
Subject: Re: PyCrypto license clarification  
Message-ID: <20090505215347.GB9933@rivest.dlitz.net>  
References: <20090505024914.GA9219@rivest.dlitz.net>  
<20090505090825.gsqlips7hg08wwwok@www.webmail.vuurwerk.nl>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
In-Reply-To: <20090505090825.gsqlips7hg08wwwok@www.webmail.vuurwerk.nl>  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/;  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/;  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 3863

Excellent! Thank you!

On Tue, May 05, 2009 at 09:08:25AM +0200, joris@bontje.nl wrote:

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>>  
>> Regards,  
>> - Dwayne  
>>  
>> --  
>> Dwayne C. Litzenger <dlitz@dlitz.net>  
>> Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
>  
>  
  
--  
Dwayne C. Litzenger <dlitz@dlitz.net>  
Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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# 1.526 tornado 6.0.1

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## 1.527 rollup-plugin-postcss 2.0.3

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## 1.528 vim 7.4.629 6.e17

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Arnaud LE HORS BULL Research FRANCE -- Koala Project  
 (XPM - X PixMap format version 2 & 3)

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 2004, route des Lucioles, 06565 Valbonne Cedex -- FRANCE  
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 " Vim syntax file  
 " Language: Software Distributor product specification file  
 " (POSIX 1387.2-1995).  
 " Maintainer: Rex Barzee <rex\_barzee@hp.com>  
 " Last change: 25 Apr 2001

if version < 600

" Remove any old syntax stuff hanging around  
 syn clear  
 elseif exists("b:current\_syntax")  
 finish  
 endif

" Product specification files are case sensitive  
 syn case match

syn keyword psfObject bundle category control\_file depot distribution  
 syn keyword psfObject end file fileset host installed\_software media  
 syn keyword psfObject product root subproduct vendor

syn match psfUnquotString +[^"# ][^#]\*+ contained  
 syn region psfQuotString start="+ " skip="=\\|"+ end="+ " contained

syn match psfObjTag "\<[-\_+A-Z0-9a-z]\|(\.[-\_+A-Z0-9a-z]\|+)\)\*" contained  
 syn match psfAttAbbrev ",\<(\(fa\|fr\|[\aclqrv])\)(\<|\>|\<=|\>=|\|=|=)\[^\,]\|+" contained  
 syn match psfObjTags "\<[-\_+A-Z0-9a-z]\|(\.[-\_+A-Z0-9a-z]\|+)\)\*\(\s\|+\<[-\_+A-Z0-9a-z]\|(\.[-\_+A-Z0-9a-z]\|+)\)\*\)\*" contained

syn match psfNumber "\<d\|+\>" contained  
 syn match psfFloat "\<d\|+\>(\.|\<d\|+\>)\*" contained

syn match psfLongDate "\<d\d\d\d\d\d\d\d\d\d\d\d\d\d\d\d\d\d\d\>" contained

syn keyword psfState available configured corrupt installed transient contained

syn keyword psfPState applied committed superseded contained

syn keyword psfBoolean false true contained

"Some of the attributes covered by attUnquotString and attQuotString:

" architecture category\_tag control\_directory copyright

" create\_date description directory file\_permissions install\_source

" install\_type location machine\_type mod\_date number os\_name os\_release

" os\_version pose\_as\_os\_name pose\_as\_os\_release readme revision

" share\_link title vendor\_tag

syn region psfAttUnquotString matchgroup=psfAttrib start=~^\s\*[\^# ]\+\s\+[\^#"] ]~rs=e-1

contains=psfUnquotString,psfComment end=~\$~ keepend oneline

syn region psfAttQuotString matchgroup=psfAttrib start=~^\s\*[\^# ]\+\s\+"~rs=e-1

contains=psfQuotString,psfComment skip=~\|~ matchgroup=psfQuotString end=~"~ keepend

" These regions are defined in attempt to do syntax checking for some

" of the attributes.

syn region psfAttTag matchgroup=psfAttrib start="^\s\*tag\s\+" contains=psfObjTag,psfComment end="\$" keepend

oneline

syn region psfAttSpec matchgroup=psfAttrib

start="^\s\*\(ancestor\|applied\_patches\|applied\_to\|contents\|corequisites\|exquisites\|prerequisites\|software\_spec\|supersedes\|superseded\_by\)\s\+" contains=psfObjTag,psfAttAbbrev,psfComment end="\$" keepend

syn region psfAttTags matchgroup=psfAttrib start="^\s\*all\_filesets\s\+" contains=psfObjTags,psfComment end="\$"

keepend

syn region psfAttNumber matchgroup=psfAttrib

start="^\s\*\(compressed\_size\|instance\_id\|media\_sequence\_number\|sequence\_number\|size\)\s\+"

contains=psfNumber,psfComment end="\$" keepend oneline

syn region psfAttTime matchgroup=psfAttrib start="^\s\*\(create\_time\|ctime\|mod\_time\|mtime\|timestamp\)\s\+"

contains=psfNumber,psfComment end="\$" keepend oneline

syn region psfAttFloat matchgroup=psfAttrib start="^\s\*\(data\_model\_revision\|layout\_version\)\s\+"

contains=psfFloat,psfComment end="\$" keepend oneline

syn region psfAttLongDate matchgroup=psfAttrib start="^\s\*install\_date\s\+" contains=psfLongDate,psfComment

end="\$" keepend oneline

syn region psfAttState matchgroup=psfAttrib start="^\s\*\(state\)\s\+" contains=psfState,psfComment end="\$"

keepend oneline

```
syn region psfAttPState matchgroup=psfAttrib start="^\s*(patch_state)\s+" contains=psfPState,psfComment
end="$" keepend oneline
```

```
syn region psfAttBoolean matchgroup=psfAttrib
start="^\s*(is_kernel|is_locatable|is_patch|is_protected|is_reboot|is_reference|is_secure|is_sparse)\s+"
contains=psfBoolean,psfComment end="$" keepend oneline
```

```
syn match psfComment "#.*$"
```

```
" Define the default highlighting.
```

```
" For version 5.7 and earlier: only when not done already
```

```
" For version 5.8 and later: only when an item doesn't have highlighting yet
```

```
if version >= 508 || !exists("did_psf_syntax_inits")
```

```
if version < 508
```

```
let did_psf_syntax_inits = 1
```

```
command -nargs=+ HiLink hi link <args>
```

```
else
```

```
command -nargs=+ HiLink hi def link <args>
```

```
endif
```

```
HiLink psfObject Statement
```

```
HiLink psfAttrib Type
```

```
HiLink psfQuotString String
```

```
HiLink psfObjTag Identifier
```

```
HiLink psfAttAbbrev PreProc
```

```
HiLink psfObjTags Identifier
```

```
HiLink psfComment Comment
```

```
delcommand HiLink
```

```
endif
```

```
" Long descriptions and copyrights confuse the syntax highlighting, so
```

```
" force vim to backup at least 100 lines before the top visible line
```

```
" looking for a sync location.
```

```
syn sync lines=100
```

```
let b:current_syntax = "psf"
```

```
uganda.txt For Vim version 7.4. Last change: 2013 Jul 06
```

VIM REFERENCE MANUAL by Bram Moolenaar

```
uganda *Uganda* *copying* *copyright* *license*
```

```
SUMMARY
```

```
iccf *ICCF*
```

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a) If you make changes to Vim yourself, you must clearly describe in the distribution how to contact you. When the maintainer asks you (in any way) for a copy of the modified Vim you distributed, you must make your changes, including source code, available to the maintainer without fee. The maintainer reserves the right to include your changes in the official version of Vim. What the maintainer will do with your changes and under what license they will be distributed is negotiable. If there has been no negotiation then this license, or a later version, also applies to your changes. The current maintainer is Bram Moolenaar <[Bram@vim.org](mailto:Bram@vim.org)>. If this changes it will be announced in appropriate places (most likely [vim.sf.net](http://vim.sf.net), [www.vim.org](http://www.vim.org) and/or [comp.editors](http://comp.editors)). When it is completely impossible to contact the maintainer, the obligation to send him your changes ceases. Once the maintainer has confirmed that he has received your changes they will not have to be sent again.

b) If you have received a modified Vim that was distributed as mentioned under a) you are allowed to further distribute it unmodified, as mentioned at I). If you make additional changes the



text under a) applies to those changes.

c) Provide all the changes, including source code, with every copy of the modified Vim you distribute. This may be done in the form of a context diff. You can choose what license to use for new code you add. The changes and their license must not restrict others from making their own changes to the official version of Vim.

d) When you have a modified Vim which includes changes as mentioned under c), you can distribute it without the source code for the changes if the following three conditions are met:

- The license that applies to the changes permits you to distribute the changes to the Vim maintainer without fee or restriction, and permits the Vim maintainer to include the changes in the official version of Vim without fee or restriction.
- You keep the changes for at least three years after last distributing the corresponding modified Vim. When the maintainer or someone who you distributed the modified Vim to asks you (in any way) for the changes within this period, you must make them available to him.
- You clearly describe in the distribution how to contact you. This contact information must remain valid for at least three years after last distributing the corresponding modified Vim, or as long as possible.

e) When the GNU General Public License (GPL) applies to the changes, you can distribute the modified Vim under the GNU GPL version 2 or any later version.

3) A message must be added, at least in the output of the ":version" command and in the intro screen, such that the user of the modified Vim is able to see that it was modified. When distributing as mentioned under 2)e) adding the message is only required for as far as this does not conflict with the license used for the changes.

4) The contact information as required under 2)a) and 2)d) must not be removed or changed, except that the person himself can make corrections.

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<maintainer@vim.org>

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=== end of license ===

Note:

- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.
- If you want to support further Vim development consider becoming a [sponsor]. The money goes to Uganda anyway.
- According to Richard Stallman the Vim license is GNU GPL compatible. A few minor changes have been made since he checked it, but that should not make a difference.
- If you link Vim with a library that goes under the GNU GPL, this limits further distribution to the GNU GPL. Also when you didn't actually change anything in Vim.
- Once a change is included that goes under the GNU GPL, this forces all further changes to also be made under the GNU GPL or a compatible license.
- If you distribute a modified version of Vim, you can include your name and contact information with the "--with-modified-by" configure argument or the MODIFIED\_BY define.

=====

Kibaale Children's Centre \*kcc\* \*Kibaale\* \*charity\*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

\*donate\*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Further more, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are

on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:

Kibaale Children's Centre  
p.o. box 1658  
Masaka, Uganda, East Africa

Sending money: \*iccf-donations\*

Check the ICCF web site for the latest information! See [iccf] for the URL.

USA: The methods mentioned below can be used.

Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.

For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in

Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly.

Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.

Kibaale Children's Fund c/o Pacific Academy

10238-168 Street

Surrey, B.C. V4N 1Z4

Canada

Phone: 604-581-5353

If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse.

This will allow for tax deduction if you live in Holland.

Postbank, nr. 4548774

IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return.

Check the ICCF web site for the latest information:

<http://iccf-holland.org/germany.html>

World: Use a postal money order. That should be possible from any

country, mostly from the post office. Use this name (which is

in my passport): "Abraham Moolenaar". Use Euro for the

currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number.

Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It's really simple to use. Use this link to find more info:

[https://www.paypal.com/en\\_US/mrb/pal=XAC62PML3GF8Q](https://www.paypal.com/en_US/mrb/pal=XAC62PML3GF8Q)

The e-mail address for sending the money to is:

Bram@iccf-holland.org

For amounts above 400 Euro (\$500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:

Postbank, account 4548774

Swift code: INGB NL 2A

IBAN: NL95 INGB 0004 5487 74

under the name "stichting ICCF Holland", Lisse

If that doesn't work:

Rabobank Lisse, account 3765.05.117

Swift code: RABO NL 2U

under the name "Bram Moolenaar", Lisse

Otherwise, send a check in euro or US dollars to the address below. Minimal amount: \$70 (my bank does not accept smaller amounts for foreign check, sorry)

Address to send checks to:

Bram Moolenaar

Finsterruetihof 1

8134 Adliswil

Switzerland

This address is expected to be valid for a long time.

vim:tw=78:ts=8:ft=help:norl:

## 1.529 libdnet 1.12 13.1.e17

### 1.529.1 Available under license :

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## 1.530 golang-org-x-net

4971afdc2f162e82d185353533d3cf16188a9f4e

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```

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# 1.531 python-devel 2.7.5 77.el7

## 1.531.1 Available under license :

.. highlightlang:: none

.. \_history-and-license:

\*\*\*\*\*

### History and License

\*\*\*\*\*

#### History of the software

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl/>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us/>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see <http://www.zope.com/>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org/> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL compatible? |
|----------------|--------------|-----------|------------|-----------------|
| 0.9.0 thru 1.2 | n/a          | 1991-1995 | CWI        | yes             |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes             |
| 1.6            | 1.5.2        | 2000      | CNRI       | no              |
| 2.0            | 1.6          | 2000      | BeOpen.com | no              |



|                                 |           |           |      |     |  |
|---------------------------------|-----------|-----------|------|-----|--|
| 1.6.1                           | 1.6       | 2001      | CNRI | no  |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.1                             | 2.0+1.6.1 | 2001      | PSF  | no  |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.0.1                           | 2.0+1.6.1 | 2001      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.1.1                           | 2.1+2.0.1 | 2001      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.2                             | 2.1.1     | 2001      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.1.2                           | 2.1.1     | 2002      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.1.3                           | 2.1.2     | 2002      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.2.1                           | 2.2       | 2002      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.2.2                           | 2.2.1     | 2002      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.2.3                           | 2.2.2     | 2002-2003 | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.3                             | 2.2.2     | 2002-2003 | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.3.1                           | 2.3       | 2002-2003 | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.3.2                           | 2.3.1     | 2003      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.3.3                           | 2.3.2     | 2003      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.3.4                           | 2.3.3     | 2004      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.3.5                           | 2.3.4     | 2005      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.4                             | 2.3       | 2004      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.4.1                           | 2.4       | 2005      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.4.2                           | 2.4.1     | 2005      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.4.3                           | 2.4.2     | 2006      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.4.4                           | 2.4.3     | 2006      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.5                             | 2.4       | 2006      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.5.1                           | 2.5       | 2007      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |
| 2.5.2                           | 2.5.1     | 2008      | PSF  | yes |  |
| +-----+-----+-----+-----+-----+ |           |           |      |     |  |

|                                 |       |      |     |     |  |
|---------------------------------|-------|------|-----|-----|--|
| 2.5.3                           | 2.5.2 | 2008 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.6                             | 2.5   | 2008 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.6.1                           | 2.6   | 2008 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.6.2                           | 2.6.1 | 2009 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.6.3                           | 2.6.2 | 2009 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.6.4                           | 2.6.3 | 2010 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.7                             | 2.6   | 2010 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |

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#### Mersenne Twister

-----

The `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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Floating point exception control  
-----

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MD5 message digest algorithm

-----

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed

references to Ghostscript; clarified derivation from RFC 1321;  
now handles byte order either statically or dynamically.  
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.  
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5);  
added conditionalization for C++ compilation from Martin  
Purschke <purschke@bnl.gov>.  
1999-05-03 lpd Original version.

Asynchronous socket services  
-----

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Cookie management  
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Execution tracing

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UUencode and UUdecode functions  
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Modified by Jack Jansen, CWI, July 1995:

- Use `binascii` module to do the actual line-by-line conversion between `ascii` and `binary`. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

XML Remote Procedure Calls  
-----

The `:mod:`xmlrpc`` module contains the following notice::

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test\_epoll

-----

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Select kqueue

-----

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strtod and dtoa

-----

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History and License

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History of the software

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl/>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us/>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see <http://www.zope.com/>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org/> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL compatible? |
|----------------|--------------|-----------|------------|-----------------|
| 0.9.0 thru 1.2 | n/a          | 1991-1995 | CWI        | yes             |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes             |
| 1.6            | 1.5.2        | 2000      | CNRI       | no              |
| 2.0            | 1.6          | 2000      | BeOpen.com | no              |
| 1.6.1          | 1.6          | 2001      | CNRI       | no              |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no              |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes             |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes             |
| 2.2            | 2.1.1        | 2001      | PSF        | yes             |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes             |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes             |
| 2.2.1          | 2.2          | 2002      | PSF        | yes             |

|                                 |       |           |     |     |  |
|---------------------------------|-------|-----------|-----|-----|--|
| 2.2.2                           | 2.2.1 | 2002      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.2.3                           | 2.2.2 | 2002-2003 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.3                             | 2.2.2 | 2002-2003 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.3.1                           | 2.3   | 2002-2003 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.3.2                           | 2.3.1 | 2003      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.3.3                           | 2.3.2 | 2003      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.3.4                           | 2.3.3 | 2004      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.3.5                           | 2.3.4 | 2005      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.4                             | 2.3   | 2004      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.4.1                           | 2.4   | 2005      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.4.2                           | 2.4.1 | 2005      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.4.3                           | 2.4.2 | 2006      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.4.4                           | 2.4.3 | 2006      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.5                             | 2.4   | 2006      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.5.1                           | 2.5   | 2007      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.5.2                           | 2.5.1 | 2008      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.5.3                           | 2.5.2 | 2008      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.6                             | 2.5   | 2008      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.6.1                           | 2.6   | 2008      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.6.2                           | 2.6.1 | 2009      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.6.3                           | 2.6.2 | 2009      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.6.4                           | 2.6.3 | 2010      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.7                             | 2.6   | 2010      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |

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### Mersenne Twister

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The `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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Floating point exception control

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MD5 message digest algorithm

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.  
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.  
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.  
1999-05-03 lpd Original version.

Asynchronous socket services

-----

The :mod:`asynchat` and :mod:`asyncore` modules contain the following notice::

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Cookie management

-----

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## Execution tracing

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## UUencode and UUdecode functions

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

#### XML Remote Procedure Calls

-----

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test\_epoll

-----

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Select kqueue

-----

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-----

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-----

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-----

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libffi

-----

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zlib

----

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History of the software

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl/>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us/>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see <http://www.zope.com/>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created

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| Release        | Derived from | Year      | Owner      | GPL compatible? |
|----------------|--------------|-----------|------------|-----------------|
| 0.9.0 thru 1.2 | n/a          | 1991-1995 | CWI        | yes             |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes             |
| 1.6            | 1.5.2        | 2000      | CNRI       | no              |
| 2.0            | 1.6          | 2000      | BeOpen.com | no              |
| 1.6.1          | 1.6          | 2001      | CNRI       | no              |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no              |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes             |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes             |
| 2.2            | 2.1.1        | 2001      | PSF        | yes             |
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| 2.3.3          | 2.3.2        | 2003      | PSF        | yes             |
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|                                 |       |      |     |     |  |
|---------------------------------|-------|------|-----|-----|--|
| 2.3.5                           | 2.3.4 | 2005 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
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| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
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| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
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| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.6.4                           | 2.6.3 | 2010 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
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Mersenne Twister

-----

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the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and



:func:`getnameinfo`, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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-----  
MD5 message digest algorithm  
-----

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.  
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.  
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.  
1999-05-03 lpd Original version.

Asynchronous socket services

-----

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-----

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UUencode and UUdecode functions

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use `binascii` module to do the actual line-by-line conversion between `ascii` and `binary`. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

## XML Remote Procedure Calls

-----

The `:mod:`xmlrpclib`` module contains the following notice::

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`test_epoll`

-----

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Select kqueue

-----

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strtod and dtoa

-----

The file `:file:`Python/dtoa.c``, which supplies C functions `dtoa` and `strtod` for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available

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```

## OpenSSL

-----

The modules `:mod:`hashlib``, `:mod:`posix``, `:mod:`ssl``, `:mod:`crypt`` use the OpenSSL library for added performance if made available by the operating system. Additionally, the Windows installers for Python include a copy of the OpenSSL libraries, so we include a copy of the OpenSSL license here::

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----

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=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
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| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
| 2.4            | 2.3          | 2004      | PSF        | yes                 |
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| 2.6            | 2.5          | 2008      | PSF        | yes                 |
| 2.6.1          | 2.6          | 2008      | PSF        | yes                 |
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| 2.6.3          | 2.6.2        | 2009      | PSF        | yes                 |
| 2.6.4          | 2.6.3        | 2009      | PSF        | yes                 |
| 2.6.5          | 2.6.4        | 2010      | PSF        | yes                 |
| 2.7            | 2.6          | 2010      | PSF        | yes                 |

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
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| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
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| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
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|-------|-------|-----------|-----|-----|
| 2.1.3 | 2.1.2 | 2002      | PSF | yes |
| 2.2.1 | 2.2   | 2002      | PSF | yes |
| 2.2.2 | 2.2.1 | 2002      | PSF | yes |
| 2.2.3 | 2.2.2 | 2003      | PSF | yes |
| 2.3   | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3   | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004      | PSF | yes |
| 2.3.5 | 2.3.4 | 2005      | PSF | yes |
| 2.4   | 2.3   | 2004      | PSF | yes |
| 2.4.1 | 2.4   | 2005      | PSF | yes |
| 2.4.2 | 2.4.1 | 2005      | PSF | yes |
| 2.4.3 | 2.4.2 | 2006      | PSF | yes |
| 2.4.4 | 2.4.3 | 2006      | PSF | yes |
| 2.5   | 2.4   | 2006      | PSF | yes |
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| 2.5.3 | 2.5.2 | 2008      | PSF | yes |
| 2.6   | 2.5   | 2008      | PSF | yes |
| 2.6.1 | 2.6   | 2008      | PSF | yes |
| 2.6.2 | 2.6.1 | 2009      | PSF | yes |
| 2.6.3 | 2.6.2 | 2009      | PSF | yes |
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## 1.532 fs-extra 8.1.0

### 1.532.1 Available under license :

```
'use strict'

const assert = require('assert')
const os = require('os')
const path = require('path')
const fs = require('fs')
const klawSync = require('klaw-sync')

/* global beforeEach, afterEach, describe, it */

describe('+ copySync() - prevent copying identical files and dirs', () => {
 let TEST_DIR = ""
 let src = ""
 let dest = ""

 beforeEach(done => {
 TEST_DIR = path.join(os.tmpdir(), 'fs-extra', 'copy-sync-prevent-copying-identical')
 fs.emptyDir(TEST_DIR, done)
 })

 afterEach(done => fs.remove(TEST_DIR, done))

 it('should return an error if src and dest are the same', () => {
```

```

const fileSrc = path.join(TEST_DIR, 'TEST_fs-extra_copy_sync')
const fileDest = path.join(TEST_DIR, 'TEST_fs-extra_copy_sync')
fs.ensureFileSync(fileSrc)

try {
 fs.copySync(fileSrc, fileDest)
} catch (err) {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
}
})

describe('dest with parent symlink', () => {
 describe('first parent is symlink', () => {
 it('should error when src is file', () => {
 const src = path.join(TEST_DIR, 'a', 'file.txt')
 const dest = path.join(TEST_DIR, 'b', 'file.txt')
 const srcParent = path.join(TEST_DIR, 'a')
 const destParent = path.join(TEST_DIR, 'b')
 fs.ensureFileSync(src)
 fs.ensureSymlinkSync(srcParent, destParent, 'dir')

 try {
 fs.copySync(src, dest)
 } catch (err) {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 } finally {
 assert(fs.existsSync(src))
 }
 })

 it('should error when src is directory', () => {
 const src = path.join(TEST_DIR, 'a', 'foo')
 const dest = path.join(TEST_DIR, 'b', 'foo')
 const srcParent = path.join(TEST_DIR, 'a')
 const destParent = path.join(TEST_DIR, 'b')
 fs.ensureDirSync(src)
 fs.ensureSymlinkSync(srcParent, destParent, 'dir')

 try {
 fs.copySync(src, dest)
 } catch (err) {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 } finally {
 assert(fs.existsSync(src))
 }
 })
 })
})

```

```

describe('nested dest', () => {
 it('should error when src is file', () => {
 const src = path.join(TEST_DIR, 'a', 'dir', 'file.txt')
 const dest = path.join(TEST_DIR, 'b', 'dir', 'file.txt')
 const srcParent = path.join(TEST_DIR, 'a')
 const destParent = path.join(TEST_DIR, 'b')
 fs.ensureFileSync(src)
 fs.ensureSymlinkSync(srcParent, destParent, 'dir')

 try {
 fs.copySync(src, dest)
 } catch (err) {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 } finally {
 assert(fs.existsSync(src))
 }
 })

 it('should error when src is directory', () => {
 const src = path.join(TEST_DIR, 'a', 'dir', 'foo')
 const dest = path.join(TEST_DIR, 'b', 'dir', 'foo')
 const srcParent = path.join(TEST_DIR, 'a')
 const destParent = path.join(TEST_DIR, 'b')
 fs.ensureDirSync(src)
 fs.ensureSymlinkSync(srcParent, destParent, 'dir')

 try {
 fs.copySync(src, dest)
 } catch (err) {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 } finally {
 assert(fs.existsSync(src))
 }
 })
})

// src is directory:
// src is regular, dest is symlink
// src is symlink, dest is regular
// src is symlink, dest is symlink

describe('> when src is a directory', () => {
 describe('>> when src is regular and dest is a symlink that points to src', () => {
 it('should error', () => {
 src = path.join(TEST_DIR, 'src')
 fs.mkdirSync(src)
 const subdir = path.join(TEST_DIR, 'src', 'subdir')

```

```

fs.mkdirSync(subdir)
fs.writeFileSync(path.join(subdir, 'file.txt'), 'some data')

const destLink = path.join(TEST_DIR, 'dest-symlink')
fs.symlinkSync(src, destLink, 'dir')

const oldlen = klawSync(src).length

try {
 fs.copySync(src, destLink)
} catch (err) {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
}

const newlen = klawSync(src).length
assert.strictEqual(newlen, oldlen)
const link = fs.readlinkSync(destLink)
assert.strictEqual(link, src)
})
})

describe(`>> when src is a symlink that points to a regular dest`, () => {
 it('should throw error', () => {
 dest = path.join(TEST_DIR, 'dest')
 fs.mkdirSync(dest)
 const subdir = path.join(TEST_DIR, 'dest', 'subdir')
 fs.mkdirSync(subdir)
 fs.writeFileSync(path.join(subdir, 'file.txt'), 'some data')

 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(dest, srcLink, 'dir')

 const oldlen = klawSync(dest).length

 try {
 fs.copySync(srcLink, dest)
 } catch (err) {
 assert(err)
 }

 // assert nothing copied
 const newlen = klawSync(dest).length
 assert.strictEqual(newlen, oldlen)
 const link = fs.readlinkSync(srcLink)
 assert.strictEqual(link, dest)
 })
})

```

```

describe('>> when src and dest are symlinks that point to the exact same path', () => {
 it('should error src and dest are the same', () => {
 src = path.join(TEST_DIR, 'src')
 fs.mkdirSync(src)
 const srcLink = path.join(TEST_DIR, 'src_symlink')
 fs.symlinkSync(src, srcLink, 'dir')
 const destLink = path.join(TEST_DIR, 'dest_symlink')
 fs.symlinkSync(src, destLink, 'dir')

 const srclenBefore = klawSync(srcLink).length
 const destlenBefore = klawSync(destLink).length

 try {
 fs.copySync(srcLink, destLink)
 } catch (err) {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 }

 const srclenAfter = klawSync(srcLink).length
 assert.strictEqual(srclenAfter, srclenBefore, 'src length should not change')
 const destlenAfter = klawSync(destLink).length
 assert.strictEqual(destlenAfter, destlenBefore, 'dest length should not change')

 const srcln = fs.readlinkSync(srcLink)
 assert.strictEqual(srcln, src)
 const destln = fs.readlinkSync(destLink)
 assert.strictEqual(destln, src)
 })
})

// src is file:
// src is regular, dest is symlink
// src is symlink, dest is regular
// src is symlink, dest is symlink

```

```

describe('> when src is a file', () => {
 describe('^>> when src is regular and dest is a symlink that points to src`, () => {
 it('should error', () => {
 src = path.join(TEST_DIR, 'src', 'somefile.txt')
 fs.ensureFileSync(src)
 fs.writeFileSync(src, 'some data')

 const destLink = path.join(TEST_DIR, 'dest-symlink')
 fs.symlinkSync(src, destLink, 'file')

 try {
 fs.copySync(src, destLink)
 }
 })
 })
})

```

```

 } catch (err) {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 }

 const link = fs.readlinkSync(destLink)
 assert.strictEqual(link, src)
 assert(fs.readFileSync(link, 'utf8'), 'some data')
 })
})

describe(`>> when src is a symlink that points to a regular dest`, () => {
 it('should throw error', () => {
 dest = path.join(TEST_DIR, 'dest', 'somefile.txt')
 fs.outputFileSync(dest, 'some data')

 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(dest, srcLink, 'file')

 try {
 fs.copySync(srcLink, dest)
 } catch (err) {
 assert.ok(err)
 }

 const link = fs.readlinkSync(srcLink)
 assert.strictEqual(link, dest)
 assert(fs.readFileSync(link, 'utf8'), 'some data')
 })
})

describe(`>> when src and dest are symlinks that point to the exact same path`, () => {
 it('should error src and dest are the same', () => {
 src = path.join(TEST_DIR, 'src', 'srcfile.txt')
 fs.outputFileSync(src, 'src data')

 const srcLink = path.join(TEST_DIR, 'src_symlink')
 fs.symlinkSync(src, srcLink, 'file')

 const destLink = path.join(TEST_DIR, 'dest_symlink')
 fs.symlinkSync(src, destLink, 'file')

 try {
 fs.copySync(srcLink, destLink)
 } catch (err) {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 }

 const srcln = fs.readlinkSync(srcLink)
 assert.strictEqual(srcln, src)
 })
})

```

```

 const destln = fs.readlinkSync(destLink)
 assert.strictEqual(destln, src)
 assert(fs.readFileSync(srcln, 'utf8'), 'src data')
 assert(fs.readFileSync(destln, 'utf8'), 'src data')
 })
})
})
})
'use strict'

const assert = require('assert')
const os = require('os')
const path = require('path')
const fs = require('fs')
const klawSync = require('klaw-sync')

/* global beforeEach, afterEach, describe, it */

describe('+ copy() - prevent copying identical files and dirs', () => {
 let TEST_DIR = ""
 let src = ""
 let dest = ""

 beforeEach(done => {
 TEST_DIR = path.join(os.tmpdir(), 'fs-extra', 'copy-prevent-copying-identical')
 fs.emptyDir(TEST_DIR, done)
 })

 afterEach(done => fs.remove(TEST_DIR, done))

 it('should return an error if src and dest are the same', done => {
 const fileSrc = path.join(TEST_DIR, 'TEST_fs-extra_copy')
 const fileDest = path.join(TEST_DIR, 'TEST_fs-extra_copy')
 fs.ensureFileSync(fileSrc)

 fs.copy(fileSrc, fileDest, err => {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 done()
 })
 })

 describe('dest with parent symlink', () => {
 describe('first parent is symlink', () => {
 it('should error when src is file', done => {
 const src = path.join(TEST_DIR, 'a', 'file.txt')
 const dest = path.join(TEST_DIR, 'b', 'file.txt')
 const srcParent = path.join(TEST_DIR, 'a')
 const destParent = path.join(TEST_DIR, 'b')

```

```

fs.ensureFileSync(src)
fs.ensureSymlinkSync(srcParent, destParent, 'dir')

fs.copy(src, dest, err => {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 assert(fs.existsSync(src))
 done()
})
})

it('should error when src is directory', done => {
 const src = path.join(TEST_DIR, 'a', 'foo')
 const dest = path.join(TEST_DIR, 'b', 'foo')
 const srcParent = path.join(TEST_DIR, 'a')
 const destParent = path.join(TEST_DIR, 'b')
 fs.ensureDirSync(src)
 fs.ensureSymlinkSync(srcParent, destParent, 'dir')

 fs.copy(src, dest, err => {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 assert(fs.existsSync(src))
 done()
 })
})

describe('nested dest', () => {
 it('should error when src is file', done => {
 const src = path.join(TEST_DIR, 'a', 'dir', 'file.txt')
 const dest = path.join(TEST_DIR, 'b', 'dir', 'file.txt')
 const srcParent = path.join(TEST_DIR, 'a')
 const destParent = path.join(TEST_DIR, 'b')
 fs.ensureFileSync(src)
 fs.ensureSymlinkSync(srcParent, destParent, 'dir')

 fs.copy(src, dest, err => {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 assert(fs.existsSync(src))
 done()
 })
 })

 it('should error when src is directory', done => {
 const src = path.join(TEST_DIR, 'a', 'dir', 'foo')
 const dest = path.join(TEST_DIR, 'b', 'dir', 'foo')
 const srcParent = path.join(TEST_DIR, 'a')
 const destParent = path.join(TEST_DIR, 'b')
 fs.ensureDirSync(src)

```



```

fs.ensureSymlinkSync(srcParent, destParent, 'dir')

fs.copy(src, dest, err => {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 assert(fs.existsSync(src))
 done()
})
})
})
})

// src is directory:
// src is regular, dest is symlink
// src is symlink, dest is regular
// src is symlink, dest is symlink

describe('> when src is a directory', () => {
 describe('>> when src is regular and dest is a symlink that points to src`, () => {
 it('should error', done => {
 src = path.join(TEST_DIR, 'src')
 fs.mkdirSync(src)
 const subdir = path.join(TEST_DIR, 'src', 'subdir')
 fs.mkdirSync(subdir)
 fs.writeFileSync(path.join(subdir, 'file.txt'), 'some data')

 const destLink = path.join(TEST_DIR, 'dest-symlink')
 fs.symlinkSync(src, destLink, 'dir')

 const oldlen = klawSync(src).length

 fs.copy(src, destLink, err => {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')

 const newlen = klawSync(src).length
 assert.strictEqual(newlen, oldlen)
 const link = fs.readlinkSync(destLink)
 assert.strictEqual(link, src)
 done()
 })
 })
 })
})

describe('>> when src is a symlink that points to a regular dest`, () => {
 it('should throw error', done => {
 dest = path.join(TEST_DIR, 'dest')
 fs.mkdirSync(dest)
 const subdir = path.join(TEST_DIR, 'dest', 'subdir')
 fs.mkdirSync(subdir)

```

```

fs.writeFileSync(path.join(subdir, 'file.txt'), 'some data')

const srcLink = path.join(TEST_DIR, 'src-symlink')
fs.symlinkSync(dest, srcLink, 'dir')

const oldlen = klawSync(dest).length

fs.copy(srcLink, dest, err => {
 assert.ok(err)

 // assert nothing copied
 const newlen = klawSync(dest).length
 assert.strictEqual(newlen, oldlen)
 const link = fs.readlinkSync(srcLink)
 assert.strictEqual(link, dest)
 done()
})
})
})

describe('>> when src and dest are symlinks that point to the exact same path', () => {
 it('should error src and dest are the same', done => {
 src = path.join(TEST_DIR, 'src')
 fs.mkdirSync(src)
 const srcLink = path.join(TEST_DIR, 'src_symlink')
 fs.symlinkSync(src, srcLink, 'dir')
 const destLink = path.join(TEST_DIR, 'dest_symlink')
 fs.symlinkSync(src, destLink, 'dir')

 const srclenBefore = klawSync(srcLink).length
 const destlenBefore = klawSync(destLink).length

 fs.copy(srcLink, destLink, err => {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')

 const srclenAfter = klawSync(srcLink).length
 assert.strictEqual(srclenAfter, srclenBefore, 'src length should not change')
 const destlenAfter = klawSync(destLink).length
 assert.strictEqual(destlenAfter, destlenBefore, 'dest length should not change')

 const srcln = fs.readlinkSync(srcLink)
 assert.strictEqual(srcln, src)
 const destln = fs.readlinkSync(destLink)
 assert.strictEqual(destln, src)
 done()
 })
 })
})

```

```

})

// src is file:
// src is regular, dest is symlink
// src is symlink, dest is regular
// src is symlink, dest is symlink

describe('when src is a file', () => {
 describe('when src is regular and dest is a symlink that points to src', () => {
 it('should error', done => {
 src = path.join(TEST_DIR, 'src.txt')
 fs.outputFileSync(src, 'some data')

 const destLink = path.join(TEST_DIR, 'dest-symlink')
 fs.symlinkSync(src, destLink, 'file')

 fs.copy(src, destLink, err => {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 done()
 })
 })
 })
})

describe('when src is a symlink that points to a regular dest', () => {
 it('should throw error', done => {
 dest = path.join(TEST_DIR, 'dest', 'somefile.txt')
 fs.outputFileSync(dest, 'some data')

 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(dest, srcLink, 'file')

 fs.copy(srcLink, dest, err => {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')

 const link = fs.readlinkSync(srcLink)
 assert.strictEqual(link, dest)
 assert(fs.readFileSync(link, 'utf8'), 'some data')
 done()
 })
 })
})

describe('when src and dest are symlinks that point to the exact same path', () => {
 it('should error src and dest are the same', done => {
 src = path.join(TEST_DIR, 'src', 'srcfile.txt')
 fs.outputFileSync(src, 'src data')

 const srcLink = path.join(TEST_DIR, 'src_symlink')

```

```

fs.symlinkSync(src, srcLink, 'file')

const destLink = path.join(TEST_DIR, 'dest_symlink')
fs.symlinkSync(src, destLink, 'file')

fs.copy(srcLink, destLink, err => {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')

 const srcln = fs.readlinkSync(srcLink)
 assert.strictEqual(srcln, src)
 const destln = fs.readlinkSync(destLink)
 assert.strictEqual(destln, src)
 assert(fs.readFileSync(srcln, 'utf8'), 'src data')
 assert(fs.readFileSync(destln, 'utf8'), 'src data')
 done()
})
})
})
})
})
(The MIT License)

```

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'use strict'

```

const assert = require('assert')
const os = require('os')
const path = require('path')

```

```

const fs = require('fs')
const klawSync = require('klaw-sync')

/* global beforeEach, afterEach, describe, it */

// these files are used for all tests
const FILES = [
 'file0.txt',
 path.join('dir1', 'file1.txt'),
 path.join('dir1', 'dir2', 'file2.txt'),
 path.join('dir1', 'dir2', 'dir3', 'file3.txt')
]

const dat0 = 'file0'
const dat1 = 'file1'
const dat2 = 'file2'
const dat3 = 'file3'

describe('+ copySync() - prevent copying into itself', () => {
 let TEST_DIR, src

 beforeEach(done => {
 TEST_DIR = path.join(os.tmpdir(), 'fs-extra', 'copy-sync-prevent-copying-into-itself')
 src = path.join(TEST_DIR, 'src')
 fs.mkdirSync(src)

 fs.outputFileSync(path.join(src, FILES[0]), dat0)
 fs.outputFileSync(path.join(src, FILES[1]), dat1)
 fs.outputFileSync(path.join(src, FILES[2]), dat2)
 fs.outputFileSync(path.join(src, FILES[3]), dat3)
 done()
 })

 afterEach(done => fs.remove(TEST_DIR, done))

 describe('> when source is a file', () => {
 it('should copy the file successfully even if dest parent is a subdir of src', () => {
 const srcFile = path.join(TEST_DIR, 'src', 'srcfile.txt')
 const destFile = path.join(TEST_DIR, 'src', 'dest', 'destfile.txt')
 fs.writeFileSync(srcFile, dat0)

 fs.copySync(srcFile, destFile)

 assert(fs.existsSync(destFile, 'file copied'))
 const out = fs.readFileSync(destFile, 'utf8')
 assert.strictEqual(out, dat0, 'file contents matched')
 })
 })
})

```

```

// test for these cases:
// - src is directory, dest is directory
// - src is directory, dest is symlink
// - src is symlink, dest is directory
// - src is symlink, dest is symlink

describe('> when source is a directory', () => {
 describe('>> when dest is a directory', () => {
 it('of not itself', () => {
 const dest = path.join(TEST_DIR, src.replace(/^\w:/, ''))
 return testSuccess(src, dest)
 })
 it('of itself', () => {
 const dest = path.join(src, 'dest')
 return testError(src, dest)
 })
 it('should copy the directory successfully when dest is 'src_dest'', () => {
 const dest = path.join(TEST_DIR, 'src_dest')
 return testSuccess(src, dest)
 })
 it('should copy the directory successfully when dest is 'src-dest'', () => {
 const dest = path.join(TEST_DIR, 'src-dest')
 return testSuccess(src, dest)
 })

 it('should copy the directory successfully when dest is 'dest_src'', () => {
 const dest = path.join(TEST_DIR, 'dest_src')
 return testSuccess(src, dest)
 })

 it('should copy the directory successfully when dest is 'src_dest/src'', () => {
 const dest = path.join(TEST_DIR, 'src_dest', 'src')
 return testSuccess(src, dest)
 })

 it('should copy the directory successfully when dest is 'src-dest/src'', () => {
 const dest = path.join(TEST_DIR, 'src-dest', 'src')
 return testSuccess(src, dest)
 })

 it('should copy the directory successfully when dest is 'dest_src/src'', () => {
 const dest = path.join(TEST_DIR, 'dest_src', 'src')
 return testSuccess(src, dest)
 })

 it('should copy the directory successfully when dest is 'src_src/dest'', () => {
 const dest = path.join(TEST_DIR, 'src_src', 'dest')

```

```

 return testSuccess(src, dest)
 })

 it('should copy the directory successfully when dest is 'src-src/dest'', () => {
 const dest = path.join(TEST_DIR, 'src-src', 'dest')
 return testSuccess(src, dest)
 })

 it('should copy the directory successfully when dest is 'srcsrc/dest'', () => {
 const dest = path.join(TEST_DIR, 'srcsrc', 'dest')
 return testSuccess(src, dest)
 })

 it('should copy the directory successfully when dest is 'dest/src'', () => {
 const dest = path.join(TEST_DIR, 'dest', 'src')
 return testSuccess(src, dest)
 })

 it('should copy the directory successfully when dest is very nested that all its parents need to be created', () => {
 const dest = path.join(TEST_DIR, 'dest', 'src', 'foo', 'bar', 'baz', 'qux', 'quux', 'waldo',
 'grault', 'garply', 'fred', 'plugh', 'thud', 'some', 'highly', 'deeply',
 'badly', 'nasty', 'crazy', 'mad', 'nested', 'dest')
 return testSuccess(src, dest)
 })

 it('should error when dest is 'src/dest'', () => {
 const dest = path.join(TEST_DIR, 'src', 'dest')
 return testError(src, dest)
 })

 it('should error when dest is 'src/src_dest'', () => {
 const dest = path.join(TEST_DIR, 'src', 'src_dest')
 return testError(src, dest)
 })

 it('should error when dest is 'src/dest_src'', () => {
 const dest = path.join(TEST_DIR, 'src', 'dest_src')
 return testError(src, dest)
 })

 it('should error when dest is 'src/dest/src'', () => {
 const dest = path.join(TEST_DIR, 'src', 'dest', 'src')
 return testError(src, dest)
 })
})

describe('>> when dest is a symlink', () => {
 it('should error when dest points exactly to src', () => {

```

```

const destLink = path.join(TEST_DIR, 'dest-symlink')
fs.symlinkSync(src, destLink, 'dir')

const srclenBefore = klawSync(src).length
assert(srclenBefore > 2)

try {
 fs.copySync(src, destLink)
} catch (err) {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')
}

const srclenAfter = klawSync(src).length
assert.strictEqual(srclenAfter, srclenBefore, 'src length should not change')

const link = fs.readlinkSync(destLink)
assert.strictEqual(link, src)
})

it('should error when dest is a subdirectory of src (bind-mounted directory with subdirectory)', () => {
 const destLink = path.join(TEST_DIR, 'dest-symlink')
 fs.symlinkSync(src, destLink, 'dir')

 const srclenBefore = klawSync(src).length
 assert(srclenBefore > 2)

 const dest = path.join(destLink, 'dir1')
 assert(fs.existsSync(dest))
 let errThrown = false
 try {
 fs.copySync(src, dest)
 } catch (err) {
 assert.strictEqual(err.message, `Cannot copy '${src}' to a subdirectory of itself, '${dest}'.`)
 errThrown = true
 } finally {
 assert(errThrown)
 const srclenAfter = klawSync(src).length
 assert.strictEqual(srclenAfter, srclenBefore, 'src length should not change')

 const link = fs.readlinkSync(destLink)
 assert.strictEqual(link, src)
 }
})

it('should error when dest is a subdirectory of src (more than one level depth)', () => {
 const destLink = path.join(TEST_DIR, 'dest-symlink')
 fs.symlinkSync(src, destLink, 'dir')

```



```

const srclenBefore = klawSync(src).length
assert(srclenBefore > 2)

const dest = path.join(destLink, 'dir1', 'dir2')
assert(fs.existsSync(dest))
let errThrown = false
try {
 fs.copySync(src, dest)
} catch (err) {
 assert.strictEqual(err.message, `Cannot copy '${src}' to a subdirectory of itself, '${path.join(destLink,
'dir1')}'.`)
 errThrown = true
} finally {
 assert(errThrown)
 const srclenAfter = klawSync(src).length
 assert.strictEqual(srclenAfter, srclenBefore, 'src length should not change')

 const link = fs.readlinkSync(destLink)
 assert.strictEqual(link, src)
}
})

it('should copy the directory successfully when src is a subdir of resolved dest path', () => {
 const srcInDest = path.join(TEST_DIR, 'dest', 'some', 'nested', 'src')
 const destLink = path.join(TEST_DIR, 'dest-symlink')
 fs.copySync(src, srcInDest) // put some stuff in srcInDest

 const dest = path.join(TEST_DIR, 'dest')
 fs.symlinkSync(dest, destLink, 'dir')

 const srclen = klawSync(srcInDest).length
 const destlenBefore = klawSync(dest).length

 assert(srclen > 2)
 fs.copySync(srcInDest, destLink)

 const destlenAfter = klawSync(dest).length

 // assert dest length is oldlen + length of stuff copied from src
 assert.strictEqual(destlenAfter, destlenBefore + srclen, 'dest length should be equal to old length + copied
length')

 FILES.forEach(f => assert(fs.existsSync(path.join(dest, f)), 'file copied'))

 const o0 = fs.readFileSync(path.join(dest, FILES[0]), 'utf8')
 const o1 = fs.readFileSync(path.join(dest, FILES[1]), 'utf8')
 const o2 = fs.readFileSync(path.join(dest, FILES[2]), 'utf8')
 const o3 = fs.readFileSync(path.join(dest, FILES[3]), 'utf8')

```

```

 assert.strictEqual(o0, dat0, 'files contents matched')
 assert.strictEqual(o1, dat1, 'files contents matched')
 assert.strictEqual(o2, dat2, 'files contents matched')
 assert.strictEqual(o3, dat3, 'files contents matched')
 })
})
})

describe('> when source is a symlink', () => {
 describe('>> when dest is a directory', () => {
 it('should error when resolved src path points to dest', () => {
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(src, srcLink, 'dir')

 const dest = path.join(TEST_DIR, 'src')

 try {
 fs.copySync(srcLink, dest)
 } catch (err) {
 assert(err)
 }
 // assert source not affected
 const link = fs.readlinkSync(srcLink)
 assert.strictEqual(link, src)
 })

 it('should error when dest is a subdir of resolved src path', () => {
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(src, srcLink, 'dir')

 const dest = path.join(TEST_DIR, 'src', 'some', 'nested', 'dest')
 fs.mkdirSync(dest)

 try {
 fs.copySync(srcLink, dest)
 } catch (err) {
 assert(err)
 }
 const link = fs.readlinkSync(srcLink)
 assert.strictEqual(link, src)
 })

 it('should error when resolved src path is a subdir of dest', () => {
 const dest = path.join(TEST_DIR, 'dest')

 const resolvedSrcPath = path.join(dest, 'contains', 'src')
 const srcLink = path.join(TEST_DIR, 'src-symlink')

```

```

fs.copySync(src, resolvedSrcPath)

// make symlink that points to a subdir in dest
fs.symlinkSync(resolvedSrcPath, srcLink, 'dir')

try {
 fs.copySync(srcLink, dest)
} catch (err) {
 assert(err)
}
})

it('should copy the directory successfully when dest is 'src_src/dest', () => {
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(src, srcLink, 'dir')

 const dest = path.join(TEST_DIR, 'src_src', 'dest')
 testSuccess(srcLink, dest)
 const link = fs.readlinkSync(dest)
 assert.strictEqual(link, src)
})

it('should copy the directory successfully when dest is 'srcsrc/dest', () => {
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(src, srcLink, 'dir')

 const dest = path.join(TEST_DIR, 'srcsrc', 'dest')
 testSuccess(srcLink, dest)
 const link = fs.readlinkSync(dest)
 assert.strictEqual(link, src)
})

describe('>> when dest is a symlink', () => {
 it('should error when resolved dest path is exactly the same as resolved src path', () => {
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(src, srcLink, 'dir')
 const destLink = path.join(TEST_DIR, 'dest-symlink')
 fs.symlinkSync(src, destLink, 'dir')

 const srclenBefore = klawSync(srcLink).length
 const destlenBefore = klawSync(destLink).length
 assert(srclenBefore > 2)
 assert(destlenBefore > 2)

 try {
 fs.copySync(srcLink, destLink)
 } catch (err) {

```

```

 assert.strictEqual(err.message, 'Source and destination must not be the same.')
 } finally {
 const srclenAfter = klawSync(srcLink).length
 assert.strictEqual(srclenAfter, srclenBefore, 'src length should not change')
 const destlenAfter = klawSync(destLink).length
 assert.strictEqual(destlenAfter, destlenBefore, 'dest length should not change')

 const srcln = fs.readlinkSync(srcLink)
 assert.strictEqual(srcln, src)
 const destln = fs.readlinkSync(destLink)
 assert.strictEqual(destln, src)
 }
})

it('should error when resolved dest path is a subdir of resolved src path', () => {
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(src, srcLink, 'dir')

 const destLink = path.join(TEST_DIR, 'dest-symlink')
 const resolvedDestPath = path.join(TEST_DIR, 'src', 'some', 'nested', 'dest')
 fs.ensureFileSync(path.join(resolvedDestPath, 'subdir', 'somefile.txt'))

 fs.symlinkSync(resolvedDestPath, destLink, 'dir')

 try {
 fs.copySync(srcLink, destLink)
 } catch (err) {
 assert.strictEqual(err.message, `Cannot copy '${src}' to a subdirectory of itself, '${resolvedDestPath}'.`)
 } finally {
 const destln = fs.readlinkSync(destLink)
 assert.strictEqual(destln, resolvedDestPath)
 }
})

it('should error when resolved src path is a subdir of resolved dest path', () => {
 const srcInDest = path.join(TEST_DIR, 'dest', 'some', 'nested', 'src')
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 const destLink = path.join(TEST_DIR, 'dest-symlink')

 const dest = path.join(TEST_DIR, 'dest')

 fs.ensureDirSync(srcInDest)
 fs.ensureSymlinkSync(srcInDest, srcLink, 'dir')
 fs.ensureSymlinkSync(dest, destLink, 'dir')

 try {
 fs.copySync(srcLink, destLink)
 } catch (err) {

```

```

 assert.strictEqual(err.message, `Cannot overwrite '${dest}' with '${srcInDest}'.`)
 } finally {
 const destLn = fs.readlinkSync(destLink)
 assert.strictEqual(destLn, dest)
 }
})
})
})
})

function testSuccess (src, dest) {
 const srclen = klawSync(src).length
 assert(srclen > 2)

 fs.copySync(src, dest)

 FILES.forEach(f => assert(fs.existsSync(path.join(dest, f)), 'file copied'))

 const o0 = fs.readFileSync(path.join(dest, FILES[0]), 'utf8')
 const o1 = fs.readFileSync(path.join(dest, FILES[1]), 'utf8')
 const o2 = fs.readFileSync(path.join(dest, FILES[2]), 'utf8')
 const o3 = fs.readFileSync(path.join(dest, FILES[3]), 'utf8')

 assert.strictEqual(o0, dat0, 'file contents matched')
 assert.strictEqual(o1, dat1, 'file contents matched')
 assert.strictEqual(o2, dat2, 'file contents matched')
 assert.strictEqual(o3, dat3, 'file contents matched')
}

function testError (src, dest) {
 try {
 fs.copySync(src, dest)
 } catch (err) {
 assert.strictEqual(err.message, `Cannot copy '${src}' to a subdirectory of itself, '${dest}'.`)
 }
}

'use strict'

const assert = require('assert')
const os = require('os')
const path = require('path')
const fs = require('fs')
const klawSync = require('klaw-sync')

/* global beforeEach, afterEach, describe, it */

// these files are used for all tests
const FILES = [

```

```

'file0.txt',
path.join('dir1', 'file1.txt'),
path.join('dir1', 'dir2', 'file2.txt'),
path.join('dir1', 'dir2', 'dir3', 'file3.txt')
]

const dat0 = 'file0'
const dat1 = 'file1'
const dat2 = 'file2'
const dat3 = 'file3'

describe('+ copy() - prevent copying into itself', () => {
 let TEST_DIR, src

 beforeEach(done => {
 TEST_DIR = path.join(os.tmpdir(), 'fs-extra', 'copy-prevent-copying-into-itself')
 src = path.join(TEST_DIR, 'src')
 fs.mkdirpSync(src)

 fs.outputFileSync(path.join(src, FILES[0]), dat0)
 fs.outputFileSync(path.join(src, FILES[1]), dat1)
 fs.outputFileSync(path.join(src, FILES[2]), dat2)
 fs.outputFileSync(path.join(src, FILES[3]), dat3)
 done()
 })

 afterEach(done => fs.remove(TEST_DIR, done))

 describe('> when source is a file', () => {
 it('should copy the file successfully even if dest parent is a subdir of src', done => {
 const srcFile = path.join(TEST_DIR, 'src', 'srcfile.txt')
 const destFile = path.join(TEST_DIR, 'src', 'dest', 'destfile.txt')
 fs.writeFileSync(srcFile, dat0)

 fs.copy(srcFile, destFile, err => {
 assert.ifError(err)

 assert(fs.existsSync(destFile, 'file copied'))
 const out = fs.readFileSync(destFile, 'utf8')
 assert.strictEqual(out, dat0, 'file contents matched')
 done()
 })
 })
 })

 // test for these cases:
 // - src is directory, dest is directory
 // - src is directory, dest is symlink

```

```

// - src is symlink, dest is directory
// - src is symlink, dest is symlink

describe('> when source is a directory', () => {
 describe('>> when dest is a directory', () => {
 it('of not itself', done => {
 const dest = path.join(TEST_DIR, src.replace(/^\w:/, ''))
 return testSuccess(src, dest, done)
 })
 it('of itself', done => {
 const dest = path.join(src, 'dest')
 return testError(src, dest, done)
 })
 it('should copy the directory successfully when dest is 'src_dest'', done => {
 const dest = path.join(TEST_DIR, 'src_dest')
 return testSuccess(src, dest, done)
 })
 it('should copy the directory successfully when dest is 'src-dest'', done => {
 const dest = path.join(TEST_DIR, 'src-dest')
 return testSuccess(src, dest, done)
 })

 it('should copy the directory successfully when dest is 'dest_src'', done => {
 const dest = path.join(TEST_DIR, 'dest_src')
 return testSuccess(src, dest, done)
 })

 it('should copy the directory successfully when dest is 'src_dest/src'', done => {
 const dest = path.join(TEST_DIR, 'src_dest', 'src')
 return testSuccess(src, dest, done)
 })

 it('should copy the directory successfully when dest is 'src-dest/src'', done => {
 const dest = path.join(TEST_DIR, 'src-dest', 'src')
 return testSuccess(src, dest, done)
 })

 it('should copy the directory successfully when dest is 'dest_src/src'', done => {
 const dest = path.join(TEST_DIR, 'dest_src', 'src')
 return testSuccess(src, dest, done)
 })

 it('should copy the directory successfully when dest is 'src_src/dest'', done => {
 const dest = path.join(TEST_DIR, 'src_src', 'dest')
 return testSuccess(src, dest, done)
 })

 it('should copy the directory successfully when dest is 'src-src/dest'', done => {

```

```

 const dest = path.join(TEST_DIR, 'src-src', 'dest')
 return testSuccess(src, dest, done)
 })

 it('should copy the directory successfully when dest is 'srcsrc/dest', done => {
 const dest = path.join(TEST_DIR, 'srcsrc', 'dest')
 return testSuccess(src, dest, done)
 })

 it('should copy the directory successfully when dest is 'dest/src', done => {
 const dest = path.join(TEST_DIR, 'dest', 'src')
 return testSuccess(src, dest, done)
 })

 it('should copy the directory successfully when dest is very nested that all its parents need to be created', done =>
 {
 const dest = path.join(TEST_DIR, 'dest', 'src', 'foo', 'bar', 'baz', 'qux', 'quux', 'waldo',
 'grault', 'garply', 'fred', 'plugh', 'thud', 'some', 'highly', 'deeply',
 'badly', 'nasty', 'crazy', 'mad', 'nested', 'dest')
 return testSuccess(src, dest, done)
 })

 it('should error when dest is 'src/dest', done => {
 const dest = path.join(TEST_DIR, 'src', 'dest')
 return testError(src, dest, done)
 })

 it('should error when dest is 'src/src_dest', done => {
 const dest = path.join(TEST_DIR, 'src', 'src_dest')
 return testError(src, dest, done)
 })

 it('should error when dest is 'src/dest_src', done => {
 const dest = path.join(TEST_DIR, 'src', 'dest_src')
 return testError(src, dest, done)
 })

 it('should error when dest is 'src/dest/src', done => {
 const dest = path.join(TEST_DIR, 'src', 'dest', 'src')
 return testError(src, dest, done)
 })
})

describe('>> when dest is a symlink', () => {
 it('should error when dest points exactly to src', done => {
 const destLink = path.join(TEST_DIR, 'dest-symlink')
 fs.symlinkSync(src, destLink, 'dir')
 })
})

```



```

const srclenBefore = klawSync(src).length
assert(srclenBefore > 2)

fs.copy(src, destLink, err => {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')

 const srclenAfter = klawSync(src).length
 assert.strictEqual(srclenAfter, srclenBefore, 'src length should not change')

 const link = fs.readlinkSync(destLink)
 assert.strictEqual(link, src)
 done()
})
})

it('should error when dest is a subdirectory of src (bind-mounted directory with subdirectory)', done => {
 const destLink = path.join(TEST_DIR, 'dest-symlink')
 fs.symlinkSync(src, destLink, 'dir')

 const srclenBefore = klawSync(src).length
 assert(srclenBefore > 2)

 const dest = path.join(destLink, 'dir1')
 assert(fs.existsSync(dest))
 fs.copy(src, dest, err => {
 assert.strictEqual(err.message, `Cannot copy '${src}' to a subdirectory of itself, '${dest}'.`)

 const srclenAfter = klawSync(src).length
 assert.strictEqual(srclenAfter, srclenBefore, 'src length should not change')

 const link = fs.readlinkSync(destLink)
 assert.strictEqual(link, src)
 done()
 })
})

it('should error when dest is a subdirectory of src (more than one level depth)', done => {
 const destLink = path.join(TEST_DIR, 'dest-symlink')
 fs.symlinkSync(src, destLink, 'dir')

 const srclenBefore = klawSync(src).length
 assert(srclenBefore > 2)

 const dest = path.join(destLink, 'dir1', 'dir2')
 assert(fs.existsSync(dest))
 fs.copy(src, dest, err => {
 assert.strictEqual(err.message, `Cannot copy '${src}' to a subdirectory of itself, '${path.join(destLink, 'dir1')}'.`)
 })
})

```

```

const srclenAfter = klawSync(src).length
assert.strictEqual(srclenAfter, srclenBefore, 'src length should not change')

const link = fs.readlinkSync(destLink)
assert.strictEqual(link, src)
done()
})
})

it('should copy the directory successfully when src is a subdir of resolved dest path', done => {
 const srcInDest = path.join(TEST_DIR, 'dest', 'some', 'nested', 'src')
 const destLink = path.join(TEST_DIR, 'dest-symlink')
 fs.copySync(src, srcInDest) // put some stuff in srcInDest

 const dest = path.join(TEST_DIR, 'dest')
 fs.symlinkSync(dest, destLink, 'dir')

 const srclen = klawSync(srcInDest).length
 const destlenBefore = klawSync(dest).length

 assert(srclen > 2)
 fs.copy(srcInDest, destLink, err => {
 assert.ifError(err)

 const destlenAfter = klawSync(dest).length

 // assert dest length is oldlen + length of stuff copied from src
 assert.strictEqual(destlenAfter, destlenBefore + srclen, 'dest length should be equal to old length + copied
length')

 FILES.forEach(f => assert(fs.existsSync(path.join(dest, f)), 'file copied'))

 const o0 = fs.readFileSync(path.join(dest, FILES[0]), 'utf8')
 const o1 = fs.readFileSync(path.join(dest, FILES[1]), 'utf8')
 const o2 = fs.readFileSync(path.join(dest, FILES[2]), 'utf8')
 const o3 = fs.readFileSync(path.join(dest, FILES[3]), 'utf8')

 assert.strictEqual(o0, dat0, 'files contents matched')
 assert.strictEqual(o1, dat1, 'files contents matched')
 assert.strictEqual(o2, dat2, 'files contents matched')
 assert.strictEqual(o3, dat3, 'files contents matched')
 done()
 })
})
})
})

```

```

describe('> when source is a symlink', () => {
 describe('>> when dest is a directory', () => {
 it('should error when resolved src path points to dest', done => {
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(src, srcLink, 'dir')

 const dest = path.join(TEST_DIR, 'src')

 fs.copy(srcLink, dest, err => {
 assert(err)
 // assert source not affected
 const link = fs.readlinkSync(srcLink)
 assert.strictEqual(link, src)
 done()
 })
 })

 it('should error when dest is a subdir of resolved src path', done => {
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(src, srcLink, 'dir')

 const dest = path.join(TEST_DIR, 'src', 'some', 'nested', 'dest')
 fs.mkdirSync(dest)

 fs.copy(srcLink, dest, err => {
 assert(err)
 const link = fs.readlinkSync(srcLink)
 assert.strictEqual(link, src)
 done()
 })
 })

 it('should error when resolved src path is a subdir of dest', done => {
 const dest = path.join(TEST_DIR, 'dest')

 const resolvedSrcPath = path.join(dest, 'contains', 'src')
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.copySync(src, resolvedSrcPath)

 // make symlink that points to a subdir in dest
 fs.symlinkSync(resolvedSrcPath, srcLink, 'dir')

 fs.copy(srcLink, dest, err => {
 assert(err)
 done()
 })
 })
 })
}

```

```

it('should copy the directory successfully when dest is 'src_src/dest', done => {
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(src, srcLink, 'dir')

 const dest = path.join(TEST_DIR, 'src_src', 'dest')
 testSuccess(srcLink, dest, () => {
 const link = fs.readlinkSync(dest)
 assert.strictEqual(link, src)
 done()
 })
})

```

```

it('should copy the directory successfully when dest is 'srcsrc/dest', done => {
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(src, srcLink, 'dir')

 const dest = path.join(TEST_DIR, 'srcsrc', 'dest')
 testSuccess(srcLink, dest, () => {
 const link = fs.readlinkSync(dest)
 assert.strictEqual(link, src)
 done()
 })
})

```

```

describe('>> when dest is a symlink', () => {
 it('should error when resolved dest path is exactly the same as resolved src path', done => {
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(src, srcLink, 'dir')
 const destLink = path.join(TEST_DIR, 'dest-symlink')
 fs.symlinkSync(src, destLink, 'dir')

 const srclenBefore = klawSync(srcLink).length
 const destlenBefore = klawSync(destLink).length
 assert(srclenBefore > 2)
 assert(destlenBefore > 2)

 fs.copy(srcLink, destLink, err => {
 assert.strictEqual(err.message, 'Source and destination must not be the same.')

 const srclenAfter = klawSync(srcLink).length
 assert.strictEqual(srclenAfter, srclenBefore, 'src length should not change')
 const destlenAfter = klawSync(destLink).length
 assert.strictEqual(destlenAfter, destlenBefore, 'dest length should not change')

 const srcln = fs.readlinkSync(srcLink)
 assert.strictEqual(srcln, src)
 const destln = fs.readlinkSync(destLink)

```

```

 assert.strictEqual(destln, src)
 done()
 })
})

it('should error when resolved dest path is a subdir of resolved src path', done => {
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 fs.symlinkSync(src, srcLink, 'dir')

 const destLink = path.join(TEST_DIR, 'dest-symlink')
 const resolvedDestPath = path.join(TEST_DIR, 'src', 'some', 'nested', 'dest')
 fs.ensureFileSync(path.join(resolvedDestPath, 'subdir', 'somefile.txt'))
 fs.symlinkSync(resolvedDestPath, destLink, 'dir')

 fs.copy(srcLink, destLink, err => {
 assert.strictEqual(err.message, `Cannot copy '${src}' to a subdirectory of itself, '${resolvedDestPath}'.`)
 const destln = fs.readlinkSync(destLink)
 assert.strictEqual(destln, resolvedDestPath)
 done()
 })
})

it('should error when resolved src path is a subdir of resolved dest path', done => {
 const srcInDest = path.join(TEST_DIR, 'dest', 'some', 'nested', 'src')
 const srcLink = path.join(TEST_DIR, 'src-symlink')
 const destLink = path.join(TEST_DIR, 'dest-symlink')
 const dest = path.join(TEST_DIR, 'dest')

 fs.ensureDirSync(srcInDest)
 fs.ensureSymlinkSync(srcInDest, srcLink, 'dir')
 fs.ensureSymlinkSync(dest, destLink, 'dir')

 fs.copy(srcLink, destLink, err => {
 assert.strictEqual(err.message, `Cannot overwrite '${dest}' with '${srcInDest}'.`)
 const destln = fs.readlinkSync(destLink)
 assert.strictEqual(destln, dest)
 done()
 })
})

function testSuccess (src, dest, done) {
 const srclen = klawSync(src).length
 assert(srclen > 2)
 fs.copy(src, dest, err => {
 assert.ifError(err)
 })
}

```

```

FILES.forEach(f => assert(fs.existsSync(path.join(dest, f)), 'file copied'))

const o0 = fs.readFileSync(path.join(dest, FILES[0]), 'utf8')
const o1 = fs.readFileSync(path.join(dest, FILES[1]), 'utf8')
const o2 = fs.readFileSync(path.join(dest, FILES[2]), 'utf8')
const o3 = fs.readFileSync(path.join(dest, FILES[3]), 'utf8')

assert.strictEqual(o0, dat0, 'file contents matched')
assert.strictEqual(o1, dat1, 'file contents matched')
assert.strictEqual(o2, dat2, 'file contents matched')
assert.strictEqual(o3, dat3, 'file contents matched')
done()
})
}

function testError (src, dest, done) {
 fs.copy(src, dest, err => {
 assert.strictEqual(err.message, `Cannot copy '${src}' to a subdirectory of itself, '${dest}'.`)
 done()
 })
}

```

## 1.533 elasticsearch 5.6.7

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# 1.534 python-suds 0.4.1 5.e17

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yassl <http://www.yassl.com/>

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axTLS <http://axtls.sourceforge.net/>

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c-ares <http://daniel.haxx.se/projects/c-ares/license.html>

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

zlib [http://www.gzip.org/zlib/zlib\\_license.html](http://www.gzip.org/zlib/zlib_license.html)

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

krb4

While nothing in particular says that a Kerberos4 library must use any particular license, the one I've tried and used successfully so far (kth-krb4) is partly Original BSD-licensed with the announcement clause. Some of the code in libcurl that is written to deal with Kerberos4 is Modified BSD-licensed.

MIT Kerberos <http://web.mit.edu/kerberos/www/dist/>

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fbopenssl

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libidn <http://josefsson.org/libidn/>

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libssh2 <http://www.libssh2.org/>

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- \* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/UpgradeStepItem.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/ElasticsearchDomainStatus.java  
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\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/UpgradeHistoryListCopier.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/EncryptionAtRestOptions.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/DisabledOperationException.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/VPCDerivedInfoStatus.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/AccessPoliciesStatus.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/transform/UpdateElasticsearchDomainConfigRequestMarshaller.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/VPCOptions.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/transform/DescribeElasticsearchInstanceTypeLimitsRequestMarshaller.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/paginators/ListElasticsearchInstanceTypesIterable.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/paginators/ListElasticsearchVersionsPublisher.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/ListElasticsearchInstanceTypesRequest.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/ReservedElasticsearchInstanceOffering.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/CancelElasticsearchServiceSoftwareUpdateRequest.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/DescribeElasticsearchDomainConfigRequest.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/UpgradeStepsListCopier.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/paginators/ListElasticsearchVersionsIterable.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/InstanceLimits.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/ElasticsearchClusterConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/transform/DeleteElasticsearchServiceRoleRequestMarshaller.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/CognitoOptions.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/InternalException.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/model/UpdateElasticsearchDomainConfigRequest.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-



jar/software/amazon/awssdk/services/elasticsearch/model/ElasticsearchException.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-  
jar/software/amazon/awssdk/services/elasticsearch/model/OptionState.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-  
jar/software/amazon/awssdk/services/elasticsearch/model/DescribeElasticsearchInstanceTypeLimitsResponse.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-  
jar/software/amazon/awssdk/services/elasticsearch/transform/CreateElasticsearchDomainRequestMarshaller.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-  
jar/software/amazon/awssdk/services/elasticsearch/model/AddTagsRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-  
jar/software/amazon/awssdk/services/elasticsearch/model/ElasticsearchRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-  
jar/software/amazon/awssdk/services/elasticsearch/model/CreateElasticsearchDomainResponse.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-  
jar/software/amazon/awssdk/services/elasticsearch/paginators/DescribeReservedElasticsearchInstanceOfferingsItera-  
ble.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-  
jar/software/amazon/awssdk/services/elasticsearch/model/RemoveTagsRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-  
jar/software/amazon/awssdk/services/elasticsearch/model/LogType.java  
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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/META-  
INF/maven/software.amazon.awssdk/elasticsearch/pom.xml

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WARRANTIES OR
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*/
/**
 * <p>
 * Allows you to either upgrade your domain or perform an Upgrade eligibility check to a compatible
Elasticsearch
 * version.
 * </p>
 *
 * @param upgradeElasticsearchDomainRequest
 * Container for request parameters to <code> <a>UpgradeElasticsearchDomain </code> operation.
 * @return Result of the UpgradeElasticsearchDomain operation returned by the service.
 * @throws BaseException
 * An error occurred while processing the request.
 * @throws ResourceNotFoundException
 * An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.
 * @throws ResourceAlreadyExistsException
 * An exception for creating a resource that already exists. Gives http status code of 400.
 * @throws DisabledOperationException
 * An error occurred because the client wanted to access a not supported operation. Gives http status code of
 * 409.
 * @throws ValidationException
 * An exception for missing / invalid input fields. Gives http status code of 400.
 * @throws InternalException
 * The request processing has failed because of an unknown error, exception or failure (the failure is
 * internal to the service) . Gives http status code of 500.
 * @throws SdkException
 * Base class for all exceptions that can be thrown by the SDK (both service and client). Can be used for
 * catch all scenarios.
 * @throws SdkClientException
 * If any client side error occurs such as an IO related failure, failure to get credentials, etc.
 * @throws ElasticsearchException
 * Base class for all service exceptions. Unknown exceptions will be thrown as an instance of this type.
 * @sample ElasticsearchClient.UpgradeElasticsearchDomain
 */

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1070429828_1594713044.5/0/elasticsearch-2-3-3-sources-2-
jar/software/amazon/awssdk/services/elasticsearch/ElasticsearchClient.java
* /opt/ws_local/PERMITS_SQL/1070429828_1594713044.5/0/elasticsearch-2-3-3-sources-2-
jar/software/amazon/awssdk/services/elasticsearch/DefaultElasticsearchClient.java

```

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```

/*
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 * http://aws.amazon.com/apache2.0
 *
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WARRANTIES OR
 * CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
 * and limitations under the License.
 */
/**
 * <p>
 * Allows you to either upgrade your domain or perform an Upgrade eligibility check to a compatible
Elasticsearch
 * version.
 * </p>
 *
 * @param upgradeElasticsearchDomainRequest
 * Container for request parameters to <code> <a>UpgradeElasticsearchDomain </code> operation.
 * @return A Java Future containing the result of the UpgradeElasticsearchDomain operation returned by the
service.

 * The CompletableFuture returned by this method can be completed exceptionally with the following
 * exceptions.
 *
 * BaseException An error occurred while processing the request.
 * ResourceNotFoundException An exception for accessing or deleting a resource that does not exist.
 * Gives http status code of 400.
 * ResourceAlreadyExistsException An exception for creating a resource that already exists. Gives http
 * status code of 400.
 * DisabledOperationException An error occurred because the client wanted to access a not supported
 * operation. Gives http status code of 409.
 * ValidationException An exception for missing / invalid input fields. Gives http status code of 400.
 * InternalException The request processing has failed because of an unknown error, exception or failure
 * (the failure is internal to the service) . Gives http status code of 500.
 * SdkException Base class for all exceptions that can be thrown by the SDK (both service and client).
 * Can be used for catch all scenarios.
 * SdkClientException If any client side error occurs such as an IO related failure, failure to get
 * credentials, etc.
 * ElasticsearchException Base class for all service exceptions. Unknown exceptions will be thrown as an
 * instance of this type.
 *
 * @sample ElasticsearchAsyncClient.UpgradeElasticsearchDomain
 */

```

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/ElasticsearchAsyncClient.java

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/software/amazon/awssdk/services/elasticsearch/DefaultElasticsearchAsyncClient.java

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```
{
 "customizationConfig" : {
 "attachPayloadTraitToMember" : { },
 "blacklistedSimpleMethods" : [],
 "calculateCrc32FromCompressedData" : false,
 "convenienceTypeOverloads" : [],
 "customErrorCodeFieldName" : null,
 "customProtocolFactoryFqcn" : null,
 "customResponseMetadata" : null,
 "customRetryPolicy" : null,
 "customServiceMetadata" : null,
 "defaultSimpleMethodTestRegion" : null,
 "deprecatedOperations" : [],
 "deprecatedShapes" : [],
 "excludeClientCreateMethod" : false,
 "modelMarshallerDefaultValueSupplier" : { },
 "operationModifiers" : null,
 "renameShapes" : null,
 "sdkModeledExceptionBaseClassName" : null,
 "sdkRequestBaseClassName" : null,
 "sdkResponseBaseClassName" : null,
 "serviceSpecificClientConfigClass" : null,
 "serviceSpecificHttpConfig" : null,
 "shapeModifiers" : null,
 "shapeSubstitutions" : null,
 "shareModelConfig" : null,
 "skipSyncClientGeneration" : false,
 "useAutoConstructList" : true,
 "useAutoConstructMap" : true,
 "verifiedSimpleMethods" : ["deleteElasticsearchServiceRole"]
 },
 "metadata" : {
 "apiVersion" : "2015-01-01",
 "asyncBuilder" : "DefaultElasticsearchAsyncClientBuilder",
 "asyncBuilderInterface" : "ElasticsearchAsyncClientBuilder",
 "asyncClient" : "DefaultElasticsearchAsyncClient",
 "asyncInterface" : "ElasticsearchAsyncClient",
 "authPolicyPackageName" : null,
 "authType" : "V4",
 "baseBuilder" : "DefaultElasticsearchBaseClientBuilder",
```

```

"baseBuilderInterface" : "ElasticsearchBaseClientBuilder",
"baseExceptionName" : "ElasticsearchException",
"baseRequestName" : "ElasticsearchRequest",
"baseResponseName" : "ElasticsearchResponse",
"cborProtocol" : false,
"clientPackageName" : "elasticsearch",
"contentType" : null,
"defaultEndpoint" : null,
"defaultEndpointWithoutHttpProtocol" : null,
"defaultRegion" : null,
"descriptiveServiceName" : "Amazon Elasticsearch Service",
"documentation" : "<fullname>Amazon Elasticsearch Configuration Service</fullname> <p>Use the Amazon
Elasticsearch configuration API to create, configure, and manage Elasticsearch domains.</p><p>The endpoint for
configuration service requests is region-specific: es.<i>region</i>.amazonaws.com. For example, es.us-east-
1.amazonaws.com. For a current list of supported regions and endpoints, see <a
href=\"http://docs.aws.amazon.com/general/latest/gr/rande.html#elasticsearch-service-regions\"
target=\"_blank\">Regions and Endpoints.</p>",
"endpointPrefix" : "es",
"fullAuthPolicyPackageName" : "software.amazon.awssdk.services",
"fullClientPackageName" : "software.amazon.awssdk.services.elasticsearch",
"fullModelPackageName" : "software.amazon.awssdk.services.elasticsearch.model",
"fullPaginatorsPackageName" : "software.amazon.awssdk.services.elasticsearch.paginators",
"fullRequestTransformPackageName" : "software.amazon.awssdk.services.elasticsearch.transform",
"fullTransformPackageName" : "software.amazon.awssdk.services.elasticsearch.transform",
"ionProtocol" : false,
"jsonProtocol" : true,
"jsonVersion" : "1.1",
"modelPackageName" : "elasticsearch.model",
"paginatorsPackageName" : "elasticsearch.paginators",
"protocol" : "rest-json",
"requestTransformPackageName" : "elasticsearch.transform",
"requiresApiKey" : false,
"requiresIamSigners" : false,
"rootPackageName" : "software.amazon.awssdk.services",
"serviceName" : "Elasticsearch",
"signingName" : "es",
"syncBuilder" : "DefaultElasticsearchClientBuilder",
"syncBuilderInterface" : "ElasticsearchClientBuilder",
"syncClient" : "DefaultElasticsearchClient",
"syncInterface" : "ElasticsearchClient",
"transformPackageName" : "elasticsearch.transform",
"uid" : "es-2015-01-01",
"xmlProtocol" : false
},
"operations" : {
 "AddTags" : {
 "authenticated" : true,
 "deprecated" : false,

```

```

"documentation" : "<p>Attaches tags to an existing Elasticsearch domain. Tags are a set of case-sensitive key
value pairs. An Elasticsearch domain may have up to 10 tags. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-
manageddomains-awsresorsetagging\" target=\"_blank\"> Tagging Amazon Elasticsearch Service Domains for more
information.</p>",
"endpointTrait" : null,
"exceptions" : [{
 "exceptionName" : "BaseException",
 "documentation" : "<p>An error occurred while processing the request.</p>",
 "httpStatusCode" : null
}, {
 "exceptionName" : "LimitExceededException",
 "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives
http status code of 409.</p>",
 "httpStatusCode" : 409
}, {
 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "httpStatusCode" : 400
}, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
 "httpStatusCode" : 500
}],
"hasBlobMemberAsPayload" : false,
"input" : {
 "variableDeclarationType" : "AddTagsRequest",
 "variableName" : "addTagsRequest",
 "variableType" : "AddTagsRequest",
 "documentation" : "<p>Container for the parameters to the <code><a>AddTags</code> operation. Specify
the tags that you want to attach to the Elasticsearch domain.</p>",
 "simpleType" : "AddTagsRequest",
 "variableSetterType" : "AddTagsRequest"
},
"methodName" : "addTags",
"operationName" : "AddTags",
"paginated" : false,
"returnType" : {
 "returnType" : "AddTagsResponse",
 "documentation" : null
},
"syncReturnType" : "AddTagsResponse"
},
"CancelElasticsearchServiceSoftwareUpdate" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Cancels a scheduled service software update for an Amazon ES domain. You can only

```

perform this operation before the `AutomatedUpdateDate` and when the `UpdateStatus` is in the `PENDING_UPDATE` state.

```
"endpointTrait" : null,
"exceptions" : [{
 "exceptionName" : "BaseException",
 "documentation" : "<p>An error occurred while processing the request.</p>",
 "statusCode" : null
}, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
 "statusCode" : 500
}, {
 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
 "statusCode" : 409
}, {
 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode" : 400
}],
"hasBlobMemberAsPayload" : false,
"input" : {
 "variableDeclarationType" : "CancelElasticsearchServiceSoftwareUpdateRequest",
 "variableName" : "cancelElasticsearchServiceSoftwareUpdateRequest",
 "variableType" : "CancelElasticsearchServiceSoftwareUpdateRequest",
 "documentation" : "<p>Container for the parameters to the
<code><a>CancelElasticsearchServiceSoftwareUpdate</code> operation. Specifies the name of the
Elasticsearch domain that you wish to cancel a service software update on.</p>",
 "simpleType" : "CancelElasticsearchServiceSoftwareUpdateRequest",
 "variableSetterType" : "CancelElasticsearchServiceSoftwareUpdateRequest"
},
"methodName" : "cancelElasticsearchServiceSoftwareUpdate",
"operationName" : "CancelElasticsearchServiceSoftwareUpdate",
"paginated" : false,
"returnType" : {
 "returnType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
 "documentation" : "<p>The result of a <code>CancelElasticsearchServiceSoftwareUpdate</code> operation.
Contains the status of the update.</p>"
},
"syncReturnType" : "CancelElasticsearchServiceSoftwareUpdateResponse"
},
"CreateElasticsearchDomain" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Creates a new Elasticsearch domain. For more information, see <a
href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
```

```

createdomains\" target=\"_blank\">Creating Elasticsearch Domains in the <i>Amazon Elasticsearch Service
Developer Guide</i>.</p>\",
 \"endpointTrait\" : null,
 \"exceptions\" : [{
 \"exceptionName\" : \"BaseException\",
 \"documentation\" : \"<p>An error occurred while processing the request.</p>\",
 \"statusCode\" : null
 }, {
 \"exceptionName\" : \"DisabledOperationException\",
 \"documentation\" : \"<p>An error occurred because the client wanted to access a not supported operation. Gives
http status code of 409.</p>\",
 \"statusCode\" : 409
 }, {
 \"exceptionName\" : \"InternalException\",
 \"documentation\" : \"<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>\",
 \"statusCode\" : 500
 }, {
 \"exceptionName\" : \"InvalidTypeException\",
 \"documentation\" : \"<p>An exception for trying to create or access sub-resource that is either invalid or not
supported. Gives http status code of 409.</p>\",
 \"statusCode\" : 409
 }, {
 \"exceptionName\" : \"LimitExceededException\",
 \"documentation\" : \"<p>An exception for trying to create more than allowed resources or sub-resources. Gives
http status code of 409.</p>\",
 \"statusCode\" : 409
 }, {
 \"exceptionName\" : \"ResourceAlreadyExistsException\",
 \"documentation\" : \"<p>An exception for creating a resource that already exists. Gives http status code of
400.</p>\",
 \"statusCode\" : 409
 }, {
 \"exceptionName\" : \"ValidationException\",
 \"documentation\" : \"<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>\",
 \"statusCode\" : 400
 }],
 \"hasBlobMemberAsPayload\" : false,
 \"input\" : {
 \"variableDeclarationType\" : \"CreateElasticsearchDomainRequest\",
 \"variableName\" : \"createElasticsearchDomainRequest\",
 \"variableType\" : \"CreateElasticsearchDomainRequest\",
 \"documentation\" : \"\",
 \"simpleType\" : \"CreateElasticsearchDomainRequest\",
 \"variableSetterType\" : \"CreateElasticsearchDomainRequest\"
 },
 \"methodName\" : \"createElasticsearchDomain\",
 \"operationName\" : \"CreateElasticsearchDomain\",

```



```

"paginated" : false,
"returnType" : {
 "returnType" : "CreateElasticsearchDomainResponse",
 "documentation" : "<p>The result of a <code>CreateElasticsearchDomain</code> operation. Contains the
status of the newly created Elasticsearch domain.</p>"
},
"syncReturntype" : "CreateElasticsearchDomainResponse"
},
"DeleteElasticsearchDomain" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Permanently deletes the specified Elasticsearch domain and all of its data. Once a domain
is deleted, it cannot be recovered.</p>",
 "endpointTrait" : null,
 "exceptions" : [{
 "exceptionName" : "BaseException",
 "documentation" : "<p>An error occurred while processing the request.</p>",
 "httpStatusCode" : null
 }, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
 "httpStatusCode" : 500
 }, {
 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
 "httpStatusCode" : 409
 }, {
 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "httpStatusCode" : 400
 }],
 "hasBlobMemberAsPayload" : false,
 "input" : {
 "variableDeclarationType" : "DeleteElasticsearchDomainRequest",
 "variableName" : "deleteElasticsearchDomainRequest",
 "variableType" : "DeleteElasticsearchDomainRequest",
 "documentation" : "<p>Container for the parameters to the <code><a>DeleteElasticsearchDomain</code>
operation. Specifies the name of the Elasticsearch domain that you want to delete.</p>",
 "simpleType" : "DeleteElasticsearchDomainRequest",
 "variableSetterType" : "DeleteElasticsearchDomainRequest"
 },
 "methodName" : "deleteElasticsearchDomain",
 "operationName" : "DeleteElasticsearchDomain",
 "paginated" : false,
 "returnType" : {
 "returnType" : "DeleteElasticsearchDomainResponse",

```

```

 "documentation" : "<p>The result of a <code>DeleteElasticsearchDomain</code> request. Contains the status
of the pending deletion, or no status if the domain and all of its resources have been deleted.</p>"
 },
 "syncReturnType" : "DeleteElasticsearchDomainResponse"
},
"DeleteElasticsearchServiceRole" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Deletes the service-linked role that Elasticsearch Service uses to manage and maintain
VPC domains. Role deletion will fail if any existing VPC domains use the role. You must delete any such
Elasticsearch domains before deleting the role. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html#es-enabling-slr\" target=\"_blank\">Deleting Elasticsearch Service
Role in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.</p>",
 "endpointTrait" : null,
 "exceptions" : [{
 "exceptionName" : "BaseException",
 "documentation" : "<p>An error occurred while processing the request.</p>",
 "httpStatusCode" : null
 }, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
 "httpStatusCode" : 500
 }, {
 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "httpStatusCode" : 400
 }],
 "hasBlobMemberAsPayload" : false,
 "input" : {
 "variableDeclarationType" : "DeleteElasticsearchServiceRoleRequest",
 "variableName" : "deleteElasticsearchServiceRoleRequest",
 "variableType" : "DeleteElasticsearchServiceRoleRequest",
 "documentation" : null,
 "simpleType" : "DeleteElasticsearchServiceRoleRequest",
 "variableSetterType" : "DeleteElasticsearchServiceRoleRequest"
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 "methodName" : "deleteElasticsearchServiceRole",
 "operationName" : "DeleteElasticsearchServiceRole",
 "paginated" : false,
 "returnType" : {
 "returnType" : "DeleteElasticsearchServiceRoleResponse",
 "documentation" : null
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 "syncReturnType" : "DeleteElasticsearchServiceRoleResponse"
},
"DescribeElasticsearchDomain" : {
 "authenticated" : true,

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"deprecated" : false,
"documentation" : "<p>Returns domain configuration information about the specified Elasticsearch domain, including the domain ID, domain endpoint, and domain ARN.</p>",
"endpointTrait" : null,
"exceptions" : [{
 "exceptionName" : "BaseException",
 "documentation" : "<p>An error occurred while processing the request.</p>",
 "statusCode" : null
}, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
 "statusCode" : 500
}, {
 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
 "statusCode" : 409
}, {
 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode" : 400
}],
"hasBlobMemberAsPayload" : false,
"input" : {
 "variableDeclarationType" : "DescribeElasticsearchDomainRequest",
 "variableName" : "describeElasticsearchDomainRequest",
 "variableType" : "DescribeElasticsearchDomainRequest",
 "documentation" : "<p>Container for the parameters to the <code><a>DescribeElasticsearchDomain</code> operation.</p>",
 "simpleType" : "DescribeElasticsearchDomainRequest",
 "variableSetterType" : "DescribeElasticsearchDomainRequest"
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"methodName" : "describeElasticsearchDomain",
"operationName" : "DescribeElasticsearchDomain",
"paginated" : false,
"returnType" : {
 "returnType" : "DescribeElasticsearchDomainResponse",
 "documentation" : "<p>The result of a <code>DescribeElasticsearchDomain</code> request. Contains the status of the domain specified in the request.</p>"
},
"syncReturnType" : "DescribeElasticsearchDomainResponse"
},
"DescribeElasticsearchDomainConfig" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Provides cluster configuration information about the specified Elasticsearch domain, such as the state, creation date, update version, and update date for cluster options.</p>",

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"endpointTrait" : null,
"exceptions" : [{
 "exceptionName" : "BaseException",
 "documentation" : "<p>An error occurred while processing the request.</p>",
 "httpStatusCode" : null
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 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
 "httpStatusCode" : 500
}, {
 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
 "httpStatusCode" : 409
}, {
 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "httpStatusCode" : 400
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"hasBlobMemberAsPayload" : false,
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 "variableName" : "describeElasticsearchDomainConfigRequest",
 "variableType" : "DescribeElasticsearchDomainConfigRequest",
 "documentation" : "<p> Container for the parameters to the
<code>DescribeElasticsearchDomainConfig</code> operation. Specifies the domain name for which you want
configuration information.</p>",
 "simpleType" : "DescribeElasticsearchDomainConfigRequest",
 "variableSetterType" : "DescribeElasticsearchDomainConfigRequest"
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"methodName" : "describeElasticsearchDomainConfig",
"operationName" : "DescribeElasticsearchDomainConfig",
"paginated" : false,
"returnType" : {
 "returnType" : "DescribeElasticsearchDomainConfigResponse",
 "documentation" : "<p>The result of a <code>DescribeElasticsearchDomainConfig</code> request. Contains
the configuration information of the requested domain.</p>"
},
"syncReturnType" : "DescribeElasticsearchDomainConfigResponse"
},
"DescribeElasticsearchDomains" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Returns domain configuration information about the specified Elasticsearch domains,
including the domain ID, domain endpoint, and domain ARN.</p>",
 "endpointTrait" : null,
 "exceptions" : [{

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"exceptionName" : "BaseException",
"documentation" : "<p>An error occurred while processing the request.</p>",
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"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
"httpStatusCode" : 500
}, {
"exceptionName" : "ValidationException",
"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode" : 400
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"hasBlobMemberAsPayload" : false,
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"variableName" : "describeElasticsearchDomainsRequest",
"variableType" : "DescribeElasticsearchDomainsRequest",
"documentation" : "<p>Container for the parameters to the
<code><a>DescribeElasticsearchDomains</code> operation. By default, the API returns the status of all
Elasticsearch domains.</p>",
"simpleType" : "DescribeElasticsearchDomainsRequest",
"variableSetterType" : "DescribeElasticsearchDomainsRequest"
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"methodName" : "describeElasticsearchDomains",
"operationName" : "DescribeElasticsearchDomains",
"paginated" : false,
"returnType" : {
"returnType" : "DescribeElasticsearchDomainsResponse",
"documentation" : "<p>The result of a <code>DescribeElasticsearchDomains</code> request. Contains the
status of the specified domains or all domains owned by the account.</p>"
},
"syncReturnType" : "DescribeElasticsearchDomainsResponse"
},
"DescribeElasticsearchInstanceTypeLimits" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "<p> Describe Elasticsearch Limits for a given InstanceType and ElasticsearchVersion. When
modifying existing Domain, specify the <code> <a>DomainName </code> to know what Limits are supported
for modifying. </p>",
"endpointTrait" : null,
"exceptions" : [{
"exceptionName" : "BaseException",
"documentation" : "<p>An error occurred while processing the request.</p>",
"httpStatusCode" : null
}, {
"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the

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failure is internal to the service) . Gives http status code of 500.</p>",
 "statusCode" : 500
}, {
 "exceptionName" : "InvalidTypeException",
 "documentation" : "<p>An exception for trying to create or access sub-resource that is either invalid or not
supported. Gives http status code of 409.</p>",
 "statusCode" : 409
}, {
 "exceptionName" : "LimitExceededException",
 "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives
http status code of 409.</p>",
 "statusCode" : 409
}, {
 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
 "statusCode" : 409
}, {
 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode" : 400
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"hasBlobMemberAsPayload" : false,
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 "variableName" : "describeElasticsearchInstanceTypeLimitsRequest",
 "variableType" : "DescribeElasticsearchInstanceTypeLimitsRequest",
 "documentation" : "<p> Container for the parameters to <code>
<a>DescribeElasticsearchInstanceTypeLimits </code> operation. </p>",
 "simpleType" : "DescribeElasticsearchInstanceTypeLimitsRequest",
 "variableSetterType" : "DescribeElasticsearchInstanceTypeLimitsRequest"
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"methodName" : "describeElasticsearchInstanceTypeLimits",
"operationName" : "DescribeElasticsearchInstanceTypeLimits",
"paginated" : false,
"returnType" : {
 "returnType" : "DescribeElasticsearchInstanceTypeLimitsResponse",
 "documentation" : "<p> Container for the parameters received from <code>
<a>DescribeElasticsearchInstanceTypeLimits </code> operation. </p>"
},
"syncReturnType" : "DescribeElasticsearchInstanceTypeLimitsResponse"
},
"DescribeReservedElasticsearchInstanceOfferings" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Lists available reserved Elasticsearch instance offerings.</p>",
 "endpointTrait" : null,
 "exceptions" : [{

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 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
 "statusCode" : 409
 }, {
 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode" : 400
 }, {
 "exceptionName" : "DisabledOperationException",
 "documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives
http status code of 409.</p>",
 "statusCode" : 409
 }, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
 "statusCode" : 500
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 "hasBlobMemberAsPayload" : false,
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 "variableType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
 "documentation" : "<p>Container for parameters to
<code>DescribeReservedElasticsearchInstanceOfferings</code></p>",
 "simpleType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
 "variableSetterType" : "DescribeReservedElasticsearchInstanceOfferingsRequest"
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 "methodName" : "describeReservedElasticsearchInstanceOfferings",
 "operationName" : "DescribeReservedElasticsearchInstanceOfferings",
 "paginated" : true,
 "returnType" : {
 "returnType" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
 "documentation" : "<p>Container for results from
<code>DescribeReservedElasticsearchInstanceOfferings</code></p>"
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 "syncReturnType" : "DescribeReservedElasticsearchInstanceOfferingsResponse"
},
"DescribeReservedElasticsearchInstances" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Returns information about reserved Elasticsearch instances for this account.</p>",
 "endpointTrait" : null,
 "exceptions" : [{
 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",

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 "statusCode": 409
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 "exceptionName": "InternalException",
 "documentation": "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
 "statusCode": 500
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 "exceptionName": "ValidationException",
 "documentation": "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode": 400
 }, {
 "exceptionName": "DisabledOperationException",
 "documentation": "<p>An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.</p>",
 "statusCode": 409
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 "documentation": "<p>Container for parameters to
<code>DescribeReservedElasticsearchInstances</code></p>",
 "simpleType": "DescribeReservedElasticsearchInstancesRequest",
 "variableSetterType": "DescribeReservedElasticsearchInstancesRequest"
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 "methodName": "describeReservedElasticsearchInstances",
 "operationName": "DescribeReservedElasticsearchInstances",
 "paginated": true,
 "returnType": {
 "returnType": "DescribeReservedElasticsearchInstancesResponse",
 "documentation": "<p>Container for results from
<code>DescribeReservedElasticsearchInstances</code></p>"
 },
 "syncReturnType": "DescribeReservedElasticsearchInstancesResponse"
},
"GetCompatibleElasticsearchVersions": {
 "authenticated": true,
 "deprecated": false,
 "documentation": "<p> Returns a list of upgrade compatible Elastisearch versions. You can optionally pass a
<code> <a>DomainName </code> to get all upgrade compatible Elasticsearch versions for that specific
domain. </p>",
 "endpointTrait": null,
 "exceptions": [{
 "exceptionName": "BaseException",
 "documentation": "<p>An error occurred while processing the request.</p>",
 "statusCode": null
 }, {

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 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
 "statusCode" : 409
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 "exceptionName" : "DisabledOperationException",
 "documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives
http status code of 409.</p>",
 "statusCode" : 409
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 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode" : 400
 }, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
 "statusCode" : 500
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 "hasBlobMemberAsPayload" : false,
 "input" : {
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 "variableType" : "GetCompatibleElasticsearchVersionsRequest",
 "documentation" : "<p> Container for request parameters to <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>",
 "simpleType" : "GetCompatibleElasticsearchVersionsRequest",
 "variableSetterType" : "GetCompatibleElasticsearchVersionsRequest"
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 "methodName" : "getCompatibleElasticsearchVersions",
 "operationName" : "GetCompatibleElasticsearchVersions",
 "paginated" : false,
 "returnType" : {
 "returnType" : "GetCompatibleElasticsearchVersionsResponse",
 "documentation" : "<p> Container for response returned by <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>"
 },
 "syncReturnType" : "GetCompatibleElasticsearchVersionsResponse"
},
"GetUpgradeHistory" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Retrieves the complete history of the last 10 upgrades that were performed on the
domain.</p>",
 "endpointTrait" : null,
 "exceptions" : [{
 "exceptionName" : "BaseException",
 "documentation" : "<p>An error occurred while processing the request.</p>",

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```

 "statusCode" : null
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 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
 "statusCode" : 409
 }, {
 "exceptionName" : "DisabledOperationException",
 "documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives
http status code of 409.</p>",
 "statusCode" : 409
 }, {
 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode" : 400
 }, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
 "statusCode" : 500
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 "hasBlobMemberAsPayload" : false,
 "input" : {
 "variableDeclarationType" : "GetUpgradeHistoryRequest",
 "variableName" : "getUpgradeHistoryRequest",
 "variableType" : "GetUpgradeHistoryRequest",
 "documentation" : "<p> Container for request parameters to <code> <a>GetUpgradeHistory </code>
operation. </p>",
 "simpleType" : "GetUpgradeHistoryRequest",
 "variableSetterType" : "GetUpgradeHistoryRequest"
 },
 "methodName" : "getUpgradeHistory",
 "operationName" : "GetUpgradeHistory",
 "paginated" : true,
 "returnType" : {
 "returnType" : "GetUpgradeHistoryResponse",
 "documentation" : "<p> Container for response returned by <code> <a>GetUpgradeHistory </code>
operation. </p>"
 },
 "syncReturnType" : "GetUpgradeHistoryResponse"
},
"GetUpgradeStatus" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Retrieves the latest status of the last upgrade or upgrade eligibility check that was
performed on the domain.</p>",
 "endpointTrait" : null,
 "exceptions" : [{

```

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"exceptionName" : "BaseException",
"documentation" : "<p>An error occurred while processing the request.</p>",
"httpStatusCode" : null
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"exceptionName" : "ResourceNotFoundException",
"documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
"httpStatusCode" : 409
}, {
"exceptionName" : "DisabledOperationException",
"documentation" : "<p>An error occured because the client wanted to access a not supported operation. Gives
http status code of 409.</p>",
"httpStatusCode" : 409
}, {
"exceptionName" : "ValidationException",
"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode" : 400
}, {
"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
"httpStatusCode" : 500
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"variableName" : "getUpgradeStatusRequest",
"variableType" : "GetUpgradeStatusRequest",
"documentation" : "<p> Container for request parameters to <code> <a>GetUpgradeStatus </code>
operation. </p>",
"simpleType" : "GetUpgradeStatusRequest",
"variableSetterType" : "GetUpgradeStatusRequest"
},
"methodName" : "getUpgradeStatus",
"operationName" : "GetUpgradeStatus",
"paginated" : false,
"returnType" : {
"returnType" : "GetUpgradeStatusResponse",
"documentation" : "<p> Container for response returned by <code> <a>GetUpgradeStatus </code>
operation. </p>"
},
"syncReturnType" : "GetUpgradeStatusResponse"
},
"ListDomainNames" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "<p>Returns the name of all Elasticsearch domains owned by the current user's account.
</p>",

```

```

"endpointTrait" : null,
"exceptions" : [{
 "exceptionName" : "BaseException",
 "documentation" : "<p>An error occurred while processing the request.</p>",
 "statusCode" : null
}, {
 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode" : 400
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 "variableName" : "listDomainNamesRequest",
 "variableType" : "ListDomainNamesRequest",
 "documentation" : null,
 "simpleType" : "ListDomainNamesRequest",
 "variableSetterType" : "ListDomainNamesRequest"
},
"methodName" : "listDomainNames",
"operationName" : "ListDomainNames",
"paginated" : false,
"returnType" : {
 "returnType" : "ListDomainNamesResponse",
 "documentation" : "<p>The result of a <code>ListDomainNames</code> operation. Contains the names of all
Elasticsearch domains owned by this account.</p>"
},
"syncReturnType" : "ListDomainNamesResponse"
},
"ListElasticsearchInstanceTypes" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>List all Elasticsearch instance types that are supported for given
ElasticsearchVersion</p>",
 "endpointTrait" : null,
 "exceptions" : [{
 "exceptionName" : "BaseException",
 "documentation" : "<p>An error occurred while processing the request.</p>",
 "statusCode" : null
 }, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
 "statusCode" : 500
 }, {
 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",

```

```

 "statusCode": 409
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 "exceptionName": "ValidationException",
 "documentation": "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode": 400
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 "variableType": "ListElasticsearchInstanceTypesRequest",
 "documentation": "<p> Container for the parameters to the <code> <a>ListElasticsearchInstanceTypes
</code> operation. </p>",
 "simpleType": "ListElasticsearchInstanceTypesRequest",
 "variableSetterType": "ListElasticsearchInstanceTypesRequest"
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 "methodName": "listElasticsearchInstanceTypes",
 "operationName": "ListElasticsearchInstanceTypes",
 "paginated": true,
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 "returnType": "ListElasticsearchInstanceTypesResponse",
 "documentation": "<p> Container for the parameters returned by <code>
<a>ListElasticsearchInstanceTypes </code> operation. </p>"
 },
 "syncReturnType": "ListElasticsearchInstanceTypesResponse"
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"ListElasticsearchVersions": {
 "authenticated": true,
 "deprecated": false,
 "documentation": "<p>List all supported Elasticsearch versions</p>",
 "endpointTrait": null,
 "exceptions": [{
 "exceptionName": "BaseException",
 "documentation": "<p>An error occurred while processing the request.</p>",
 "statusCode": null
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 "exceptionName": "InternalException",
 "documentation": "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
 "statusCode": 500
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 "exceptionName": "ResourceNotFoundException",
 "documentation": "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
 "statusCode": 409
 }, {
 "exceptionName": "ValidationException",
 "documentation": "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",

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 "statusCode": 400
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 "hasBlobMemberAsPayload": false,
 "input": {
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 "variableName": "listElasticsearchVersionsRequest",
 "variableType": "ListElasticsearchVersionsRequest",
 "documentation": "<p> Container for the parameters to the <code> <a>ListElasticsearchVersions </code>
operation. <p> Use <code> <a>MaxResults </code> to control the maximum number of results to retrieve in a
single call. <p> <p> Use <code> <a>NextToken </code> in response to retrieve more results. If the received
response does not contain a NextToken, then there are no more results to retrieve. </p> </p>",
 "simpleType": "ListElasticsearchVersionsRequest",
 "variableSetterType": "ListElasticsearchVersionsRequest"
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 "methodName": "listElasticsearchVersions",
 "operationName": "ListElasticsearchVersions",
 "paginated": true,
 "returnType": {
 "returnType": "ListElasticsearchVersionsResponse",
 "documentation": "<p> Container for the parameters for response received from <code>
<a>ListElasticsearchVersions </code> operation. </p>"
 },
 "syncReturnType": "ListElasticsearchVersionsResponse"
},
"ListTags": {
 "authenticated": true,
 "deprecated": false,
 "documentation": "<p>Returns all tags for the given Elasticsearch domain.</p>",
 "endpointTrait": null,
 "exceptions": [{
 "exceptionName": "BaseException",
 "documentation": "<p>An error occurred while processing the request.</p>",
 "statusCode": null
 }, {
 "exceptionName": "ResourceNotFoundException",
 "documentation": "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
 "statusCode": 409
 }, {
 "exceptionName": "ValidationException",
 "documentation": "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode": 400
 }, {
 "exceptionName": "InternalException",
 "documentation": "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
 "statusCode": 500
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],
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```

"hasBlobMemberAsPayload" : false,
"input" : {
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 "variableName" : "listTagsRequest",
 "variableType" : "ListTagsRequest",
 "documentation" : "<p>Container for the parameters to the <code><a>ListTags</code> operation. Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view are attached.</p>",
 "simpleType" : "ListTagsRequest",
 "variableSetterType" : "ListTagsRequest"
},
"methodName" : "listTags",
"operationName" : "ListTags",
"paginated" : false,
"returnType" : {
 "returnType" : "ListTagsResponse",
 "documentation" : "<p>The result of a <code>ListTags</code> operation. Contains tags for all requested Elasticsearch domains.</p>"
},
"syncReturnType" : "ListTagsResponse"
},
"PurchaseReservedElasticsearchInstanceOffering" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Allows you to purchase reserved Elasticsearch instances.</p>",
 "endpointTrait" : null,
 "exceptions" : [{
 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
 "statusCode" : 409
 }, {
 "exceptionName" : "ResourceAlreadyExistsException",
 "documentation" : "<p>An exception for creating a resource that already exists. Gives http status code of 400.</p>",
 "statusCode" : 409
 }, {
 "exceptionName" : "LimitExceededException",
 "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives http status code of 409.</p>",
 "statusCode" : 409
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 "documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.</p>",
 "statusCode" : 409
 }, {
 "exceptionName" : "ValidationException",

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 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode" : 400
 }, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
 "statusCode" : 500
 }],
 "hasBlobMemberAsPayload" : false,
 "input" : {
 "variableDeclarationType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
 "variableName" : "purchaseReservedElasticsearchInstanceOfferingRequest",
 "variableType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
 "documentation" : "<p>Container for parameters to
<code>PurchaseReservedElasticsearchInstanceOffering</code></p>",
 "simpleType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
 "variableSetterType" : "PurchaseReservedElasticsearchInstanceOfferingRequest"
 },
 "methodName" : "purchaseReservedElasticsearchInstanceOffering",
 "operationName" : "PurchaseReservedElasticsearchInstanceOffering",
 "paginated" : false,
 "returnType" : {
 "returnType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
 "documentation" : "<p>Represents the output of a
<code>PurchaseReservedElasticsearchInstanceOffering</code> operation.</p>"
 },
 "syncReturnType" : "PurchaseReservedElasticsearchInstanceOfferingResponse"
},
"RemoveTags" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Removes the specified set of tags from the specified Elasticsearch domain.</p>",
 "endpointTrait" : null,
 "exceptions" : [{
 "exceptionName" : "BaseException",
 "documentation" : "<p>An error occurred while processing the request.</p>",
 "statusCode" : null
 }], {
 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode" : 400
 }, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
 "statusCode" : 500
 }],
 "hasBlobMemberAsPayload" : false,

```



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"input" : {
 "variableDeclarationType" : "RemoveTagsRequest",
 "variableName" : "removeTagsRequest",
 "variableType" : "RemoveTagsRequest",
 "documentation" : "<p>Container for the parameters to the <code><a>RemoveTags</code> operation.
Specify the <code>ARN</code> for the Elasticsearch domain from which you want to remove the specified
<code>TagKey</code>.</p>",
 "simpleType" : "RemoveTagsRequest",
 "variableSetterType" : "RemoveTagsRequest"
},
"methodName" : "removeTags",
"operationName" : "RemoveTags",
"paginated" : false,
"returnType" : {
 "returnType" : "RemoveTagsResponse",
 "documentation" : null
},
"syncReturnType" : "RemoveTagsResponse"
},
"StartElasticsearchServiceSoftwareUpdate" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Schedules a service software update for an Amazon ES domain.</p>",
 "endpointTrait" : null,
 "exceptions" : [{
 "exceptionName" : "BaseException",
 "documentation" : "<p>An error occurred while processing the request.</p>",
 "httpStatusCode" : null
 }, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
 "httpStatusCode" : 500
 }, {
 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
 "httpStatusCode" : 409
 }, {
 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "httpStatusCode" : 400
 }],
 "hasBlobMemberAsPayload" : false,
 "input" : {
 "variableDeclarationType" : "StartElasticsearchServiceSoftwareUpdateRequest",
 "variableName" : "startElasticsearchServiceSoftwareUpdateRequest",
 "variableType" : "StartElasticsearchServiceSoftwareUpdateRequest",

```

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 "documentation" : "<p>Container for the parameters to the
<code><a>StartElasticsearchServiceSoftwareUpdate</code> operation. Specifies the name of the Elasticsearch
domain that you wish to schedule a service software update on.</p>",
 "simpleType" : "StartElasticsearchServiceSoftwareUpdateRequest",
 "variableSetterType" : "StartElasticsearchServiceSoftwareUpdateRequest"
 },
 "methodName" : "startElasticsearchServiceSoftwareUpdate",
 "operationName" : "StartElasticsearchServiceSoftwareUpdate",
 "paginated" : false,
 "returnType" : {
 "returnType" : "StartElasticsearchServiceSoftwareUpdateResponse",
 "documentation" : "<p>The result of a <code>StartElasticsearchServiceSoftwareUpdate</code> operation.
Contains the status of the update.</p>"
 },
 "syncReturnType" : "StartElasticsearchServiceSoftwareUpdateResponse"
},
"UpdateElasticsearchDomainConfig" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Modifies the cluster configuration of the specified Elasticsearch domain, setting as
setting the instance type and the number of instances. </p>",
 "endpointTrait" : null,
 "exceptions" : [{
 "exceptionName" : "BaseException",
 "documentation" : "<p>An error occurred while processing the request.</p>",
 "httpStatusCode" : null
 }, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
 "httpStatusCode" : 500
 }, {
 "exceptionName" : "InvalidTypeException",
 "documentation" : "<p>An exception for trying to create or access sub-resource that is either invalid or not
supported. Gives http status code of 409.</p>",
 "httpStatusCode" : 409
 }, {
 "exceptionName" : "LimitExceededException",
 "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives
http status code of 409.</p>",
 "httpStatusCode" : 409
 }, {
 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
 "httpStatusCode" : 409
 }, {
 "exceptionName" : "ValidationException",

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 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode" : 400
 }],
 "hasBlobMemberAsPayload" : false,
 "input" : {
 "variableDeclarationType" : "UpdateElasticsearchDomainConfigRequest",
 "variableName" : "updateElasticsearchDomainConfigRequest",
 "variableType" : "UpdateElasticsearchDomainConfigRequest",
 "documentation" : "<p>Container for the parameters to the <code><a>UpdateElasticsearchDomain</code>
operation. Specifies the type and number of instances in the domain cluster.</p>",
 "simpleType" : "UpdateElasticsearchDomainConfigRequest",
 "variableSetterType" : "UpdateElasticsearchDomainConfigRequest"
 },
 "methodName" : "updateElasticsearchDomainConfig",
 "operationName" : "UpdateElasticsearchDomainConfig",
 "paginated" : false,
 "returnType" : {
 "returnType" : "UpdateElasticsearchDomainConfigResponse",
 "documentation" : "<p>The result of an <code>UpdateElasticsearchDomain</code> request. Contains the status
of the Elasticsearch domain being updated.</p>"
 },
 "syncReturnType" : "UpdateElasticsearchDomainConfigResponse"
},
"UpgradeElasticsearchDomain" : {
 "authenticated" : true,
 "deprecated" : false,
 "documentation" : "<p>Allows you to either upgrade your domain or perform an Upgrade eligibility check to a
compatible Elasticsearch version.</p>",
 "endpointTrait" : null,
 "exceptions" : [{
 "exceptionName" : "BaseException",
 "documentation" : "<p>An error occurred while processing the request.</p>",
 "statusCode" : null
 }, {
 "exceptionName" : "ResourceNotFoundException",
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
 "statusCode" : 409
 }, {
 "exceptionName" : "ResourceAlreadyExistsException",
 "documentation" : "<p>An exception for creating a resource that already exists. Gives http status code of
400.</p>",
 "statusCode" : 409
 }, {
 "exceptionName" : "DisabledOperationException",
 "documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives
http status code of 409.</p>",
 "statusCode" : 409
 }
}

```

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 }, {
 "exceptionName" : "ValidationException",
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "statusCode" : 400
 }, {
 "exceptionName" : "InternalException",
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service) . Gives http status code of 500.</p>",
 "statusCode" : 500
 }],
 "hasBlobMemberAsPayload" : false,
 "input" : {
 "variableDeclarationType" : "UpgradeElasticsearchDomainRequest",
 "variableName" : "upgradeElasticsearchDomainRequest",
 "variableType" : "UpgradeElasticsearchDomainRequest",
 "documentation" : "<p> Container for request parameters to <code> <a>UpgradeElasticsearchDomain
</code> operation. </p>",
 "simpleType" : "UpgradeElasticsearchDomainRequest",
 "variableSetterType" : "UpgradeElasticsearchDomainRequest"
 },
 "methodName" : "upgradeElasticsearchDomain",
 "operationName" : "UpgradeElasticsearchDomain",
 "paginated" : false,
 "returnType" : {
 "returnType" : "UpgradeElasticsearchDomainResponse",
 "documentation" : "<p> Container for response returned by <code> <a>UpgradeElasticsearchDomain
</code> operation. </p>"
 },
 "syncReturnType" : "UpgradeElasticsearchDomainResponse"
 }
},
"shapes" : {
 "AccessPoliciesStatus" : {
 "c2jName" : "AccessPoliciesStatus",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The configured access rules for the domain's document and search endpoints, and the
current status of those rules.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,

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"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "PolicyDocument",
 "defaultConsumerFluentSetterDocumentation" : "<p>The access policy configured for the Elasticsearch
domain. Access policies may be resource-based, IP-based, or IAM-based. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-access-policies\" target=\"_blank\"> Configuring Access Policiesfor more
information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #options(String)}. \n@param options
a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #options(String)",
 "deprecated" : false,
 "documentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be
resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\"> Configuring Access Policiesfor more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies
may be resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\"> Configuring Access Policiesfor more information.</p>\n@param options The access policy
configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-access-policies\" target=\"_blank\"> Configuring Access Policiesfor more
information.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may
be resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\"> Configuring Access Policiesfor more information.</p>\n@return The access policy
configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-access-policies\" target=\"_blank\"> Configuring Access Policiesfor more

```

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information.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Options",
 "setterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information.</p>\n@param options The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information.",
 "setterMethodName" : "setOptions",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,

```

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"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be
resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\">Configuring Access Policiesfor more information.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch
domain. See <code>OptionStatus</code> for the status information that's included. </p>\nThis is a convenience that
creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link
OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is
called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will
call methods on { @link OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can
be chained together.\n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the access
policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@return The status of the access
policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,

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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the access
policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}],

```



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"membersAsMap" : {
 "Options" : {
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "PolicyDocument",
 "defaultConsumerFluentSetterDocumentation" : "<p>The access policy configured for the Elasticsearch
domain. Access policies may be resource-based, IP-based, or IAM-based. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-access-policies\" target=\"_blank\"> Configuring Access Policiesfor more
information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #options(String)}. \n@param options
a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #options(String)",
 "deprecated" : false,
 "documentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be
resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\"> Configuring Access Policiesfor more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies
may be resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\"> Configuring Access Policiesfor more information.</p>\n@param options The access policy
configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-access-policies\" target=\"_blank\"> Configuring Access Policiesfor more
information.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may
be resource-based, IP-based, or IAM-based. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies\"
target=\"_blank\"> Configuring Access Policiesfor more information.</p>\n@return The access policy
configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-access-policies\" target=\"_blank\"> Configuring Access Policiesfor more
information.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Options",

```

"setterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies" target="\_blank"> Configuring Access Policies</a>for more information.</p>\n@param options The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies" target="\_blank"> Configuring Access Policies</a>for more information."

```

"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be

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resource-based, IP-based, or IAM-based. See <http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies> for more information.

```
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"Status" : {
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See OptionStatus for the status information that's included. </p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p>The status of the access policy for the Elasticsearch domain. See OptionStatus for the status information that's included. </p>\n",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See OptionStatus for the status information that's included. </p>\n@param status The status of the access policy for the Elasticsearch domain. See OptionStatus for the status information that's included. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See OptionStatus for the status information that's included. </p>\n@return The status of the access policy for the Elasticsearch domain. See OptionStatus for the status information that's included.",
"getterModel" : {
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
```

```

 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the access
policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",

```

```

 "c2jShape" : "PolicyDocument",
 "defaultConsumerFluentSetterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #options(String) }. \n@param options a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #options(String)",
 "deprecated" : false,
 "documentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information.</p>\n@param options The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information.</p>\n@return The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policiesfor more information.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```

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 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Options",
 "setterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policies for more information.</p>\n@param options The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policies for more information.",
 "setterMethodName" : "setOptions",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policies for more information.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 }

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 },
 "xmlNamespaceUri" : null
 }, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch
domain. See <code>OptionStatus</code> for the status information that's included. </p>\nThis is a convenience that
creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link
OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is
called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will
call methods on { @link OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can
be chained together.\n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the access
policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@return The status of the access
policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,

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 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the access
policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["Options", "Status"],
"shapeName" : "AccessPoliciesStatus",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "AccessPoliciesStatus",

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 "variableName" : "accessPoliciesStatus",
 "variableType" : "AccessPoliciesStatus",
 "documentation" : null,
 "simpleType" : "AccessPoliciesStatus",
 "variableSetterType" : "AccessPoliciesStatus"
 },
 "wrapper" : false
},
"AddTagsRequest" : {
 "c2jName" : "AddTagsRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Container for the parameters to the <code><a>AddTags</code> operation. Specify
the tags that you want to attach to the Elasticsearch domain.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "AddTags",
 "locationName" : null,
 "requestUri" : "/2015-01-01/tags",
 "target" : null,
 "verb" : "POST",
 "xmlNamespaceUri" : null
 },
 "members" : [{
 "beanStyleGetterMethodName" : "getArn",
 "beanStyleSetterMethodName" : "setArn",
 "c2jName" : "ARN",
 "c2jShape" : "ARN",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to
add the tags.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that

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method calls can be chained together.\n@see #arn(String)",
 "deprecated" : false,
 "documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "arn",
 "fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@param arn Specify the <code>ARN</code> for which you want to add the tags.\n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "arn",
 "getterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@return Specify the <code>ARN</code> for which you want to add the tags.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ARN",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ARN",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ARN",
 "setterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@param arn Specify the <code>ARN</code> for which you want to add the tags.",
 "setterMethodName" : "setArn",
 "setterModel" : {

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 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getTagList",
 "beanStyleSetterMethodName" : "setTagList",
 "c2jName" : "TagList",
 "c2jShape" : "TagList",
 "defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the
Elasticsearch domain. </p>\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder}
avoiding the need to create one manually via { @link List<Tag>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link
#tagList(List<Tag>)}.\n@param tagList a consumer that will call methods on { @link List<Tag>.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #tagList(List<Tag>)",
 "deprecated" : false,
 "documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "tagList",
 "fluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch
domain. </p>\n@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "tagList",
 "getterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return List of <code>Tag</code> that need to be added for the
Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "java.util.List<Tag>",
 "documentation" : null
 }
}

```

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 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TagList",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TagList",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "Tag",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link Tag.Builder} avoiding the need to create one
manually via { @link Tag#builder()}. \n\nWhen the { @link Consumer} completes, { @link Tag.Builder#build()} is
called immediately and its result is passed to { @link #member(Tag)}. \n@param member a consumer that will call
methods on { @link Tag.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(Tag)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of

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the Member property for this object.",

```
"getterModel" : {
 "returnType" : "Tag",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
```

"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",

```
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "Tag",
 "variableName" : "member",
 "variableType" : "Tag",
 "documentation" : null,
 "simpleType" : "Tag",
 "variableSetterType" : "Tag"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Tag",
 "variableName" : "member",
 "variableType" : "Tag",
 "documentation" : "",
```

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 "simpleType" : "Tag",
 "variableSetterType" : "Tag"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"setterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.
</p>\n@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain.",
"setterMethodName" : "setTagList",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",
 "documentation" : null,
 "simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",
 "documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>",
 "simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "ARN" : {
 "beanStyleGetterMethodName" : "getArn",
 "beanStyleSetterMethodName" : "setArn",
 "c2jName" : "ARN",
 "c2jShape" : "ARN",

```

"defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #arn(String)",

"deprecated" : false,

"documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "arn",

"fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>\n@param arn Specify the <code>ARN</code> for which you want to add the tags. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "arn",

"getterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>\n@return Specify the <code>ARN</code> for which you want to add the tags.",

"getterModel" : {

"returnType" : "String",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "ARN",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "ARN",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

```

"name" : "ARN",
"setterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@param arn Specify the <code>ARN</code> for which you want to add the tags.",
"setterMethodName" : "setArn",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"TagList" : {
 "beanStyleGetterMethodName" : "getTagList",
 "beanStyleSetterMethodName" : "setTagList",
 "c2jName" : "TagList",
 "c2jShape" : "TagList",
 "defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the
Elasticsearch domain. </p>\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder}
avoiding the need to create one manually via { @link List<Tag>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link
#tagList(List<Tag>)}.\n@param tagList a consumer that will call methods on { @link List<Tag>.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #tagList(List<Tag>)",
 "deprecated" : false,
 "documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "tagList",
 "fluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch
domain. </p>\n@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "tagList",
 "getterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.

```



Attempts to modify the collection returned by this method will result in an UnsupportedOperationException. @return List of `Tag` that need to be added for the Elasticsearch domain.",

```
"getterModel" : {
 "returnType" : "java.util.List<Tag>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TagList",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TagList",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "Tag",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.
This is a convenience that creates an instance of the { @link Tag.Builder} avoiding the need to create one
manually via { @link Tag#builder()}.
When the { @link Consumer} completes, { @link Tag.Builder#build()} is
called immediately and its result is passed to { @link #member(Tag)}.
@param member a consumer that will call
methods on { @link Tag.Builder}
@return Returns a reference to this object so that method calls can be chained
together.
@see #member(Tag)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
```

```

 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "Tag",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "Tag",
 "variableName" : "member",
 "variableType" : "Tag",
 "documentation" : null,
 "simpleType" : "Tag",
 "variableSetterType" : "Tag"
 },
 "simple" : false,

```

```

 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Tag",
 "variableName" : "member",
 "variableType" : "Tag",
 "documentation" : "",
 "simpleType" : "Tag",
 "variableSetterType" : "Tag"
 },
 "xmlNamespaceUri" : null
 },
 "memberLocationName" : null,
 "memberType" : "Tag",
 "map" : false,
 "memberAdditionalMarshallingPath" : null,
 "memberAdditionalUnmarshallingPath" : null,
 "simple" : false,
 "simpleType" : "Tag",
 "templateImplType" : "java.util.ArrayList<Tag>",
 "templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"setterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.
</p>\n@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain.",
"setterMethodName" : "setTagList",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",
 "documentation" : null,
 "simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",
 "documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.
</p>",
 "simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
},
"xmlNamespaceUri" : null

```

```

 }
 },
 "nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getArn",
 "beanStyleSetterMethodName" : "setArn",
 "c2jName" : "ARN",
 "c2jShape" : "ARN",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to
add the tags.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #arn(String)",
 "deprecated" : false,
 "documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "arn",
 "fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@param arn Specify the <code>ARN</code> for which you want to add the tags. \n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "arn",
 "getterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@return Specify the <code>ARN</code> for which you want to add the tags.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ARN",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ARN",
 "uri" : false
 },
 "idempotencyToken" : false,

```

```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the
tags.</p>\n@param arn Specify the <code>ARN</code> for which you want to add the tags.",
"setterMethodName" : "setArn",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getTagList",
 "beanStyleSetterMethodName" : "setTagList",
 "c2jName" : "TagList",
 "c2jShape" : "TagList",
 "defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the
Elasticsearch domain. </p>\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder}
avoiding the need to create one manually via { @link List<Tag>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link
#tagList(List<Tag>)}.\n@param tagList a consumer that will call methods on { @link List<Tag>.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #tagList(List<Tag>)",
 "deprecated" : false,
 "documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,

```

```

 "fluentGetterMethodName" : "tagList",
 "fluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch
domain. </p>\n@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "tagList",
 "getterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch
domain.
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return List of <code>Tag</code> that need to be added for the
Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "java.util.List<Tag>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TagList",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TagList",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "Tag",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link Tag.Builder} avoiding the need to create one
manually via { @link Tag#builder()}. \n\nWhen the { @link Consumer} completes, { @link Tag.Builder#build()} is
called immediately and its result is passed to { @link #member(Tag)}. \n@param member a consumer that will call
methods on { @link Tag.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(Tag)",
 "deprecated" : false,

```

```

"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
 "returnType" : "Tag",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "Tag",
 "variableName" : "member",

```

```

 "variableType" : "Tag",
 "documentation" : null,
 "simpleType" : "Tag",
 "variableSetterType" : "Tag"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Tag",
 "variableName" : "member",
 "variableType" : "Tag",
 "documentation" : "",
 "simpleType" : "Tag",
 "variableSetterType" : "Tag"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"setterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.
</p>\n@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain.",
"setterMethodName" : "setTagList",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",
 "documentation" : null,
 "simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",

```



```

 "documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>",
 "simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["ARN", "TagList"],
"shapeName" : "AddTagsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "AddTagsRequest",
 "variableName" : "addTagsRequest",
 "variableType" : "AddTagsRequest",
 "documentation" : null,
 "simpleType" : "AddTagsRequest",
 "variableSetterType" : "AddTagsRequest"
},
"wrapper" : false
},
"AddTagsResponse" : {
 "c2jName" : "AddTagsResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : null,
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [],
 "membersAsMap" : { },
 "nonStreamingMembers" : [],
 "requestSignerAware" : false,

```

```

"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "AddTagsResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "AddTagsResponse",
 "variableName" : "addTagsResponse",
 "variableType" : "AddTagsResponse",
 "documentation" : null,
 "simpleType" : "AddTagsResponse",
 "variableSetterType" : "AddTagsResponse"
},
"wrapper" : false
},
"AdditionalLimit" : {
 "c2jName" : "AdditionalLimit",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> List of limits that are specific to a given InstanceType and for each of it's <code>
<a>InstanceRole </code> . </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getLimitName",
 "beanStyleSetterMethodName" : "setLimitName",
 "c2jName" : "LimitName",
 "c2jShape" : "LimitName",
 "defaultConsumerFluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given
InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:
"
 }
]

```

- MaximumNumberOfDataNodesSupported

 This attribute will be present in Master node only to specify how much data nodes upto which given `<a>ESPartitionInstanceType</a>` can support as master node. 

- MaximumNumberOfDataNodesWithoutMasterNode

 This attribute will be present in Data node only to specify how much data nodes of given `<a>ESPartitionInstanceType</a>` upto which you don't need any master nodes to govern them. 

This is a convenience that creates an instance of the `{ @link String.Builder}` avoiding the need to create one manually via `{ @link String.Builder#builder()}.n` When the `{ @link Consumer}` completes, `{ @link String.Builder#build()}` is called immediately and its result is passed to `{ @link String.Builder#limitName(String)}`.  
@param limitName a consumer that will call methods on `{ @link String.Builder}`  
@return Returns a reference to this object so that method calls can be chained together.  
@see #limitName(String)",

"deprecated" : false,

"documentation" : "

Name of Additional Limit is specific to a given InstanceType and for each of it's `<a>InstanceRole</a>` etc.   
Attributes and their details:

- MaximumNumberOfDataNodesSupported

 This attribute will be present in Master node only to specify how much data nodes upto which given `<a>ESPartitionInstanceType</a>` can support as master node. 

- MaximumNumberOfDataNodesWithoutMasterNode

 This attribute will be present in Data node only to specify how much data nodes of given `<a>ESPartitionInstanceType</a>` upto which you don't need any master nodes to govern them.

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "limitName",

"fluentSetterDocumentation" : "

Name of Additional Limit is specific to a given InstanceType and for each of it's `<a>InstanceRole</a>` etc.   
Attributes and their details:

- MaximumNumberOfDataNodesSupported

 This attribute will be present in Master node only to specify how much data nodes upto which given `<a>ESPartitionInstanceType</a>` can support as master node. 

- MaximumNumberOfDataNodesWithoutMasterNode

 This attribute will be present in Data node only to specify how much data nodes of given `<a>ESPartitionInstanceType</a>` upto which you don't need any master nodes to govern them. 

@param limitName Name of Additional Limit is specific to a

given InstanceType and for each of it's `<a>InstanceRole</a>` etc.   
Attributes and their details: 

- MaximumNumberOfDataNodesSupported

 This attribute will be present in Master node only to specify how much data nodes upto which given `<a>ESPartitionInstanceType</a>` can support as master node. 

- MaximumNumberOfDataNodesWithoutMasterNode

 This attribute will be present in Data node only to specify how much data nodes of given `<a>ESPartitionInstanceType</a>` upto which you don't need any master nodes to govern them. 

@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "limitName",

"getterDocumentation" : "

Name of Additional Limit is specific to a given InstanceType and for each of it's `<a>InstanceRole</a>` etc.   
Attributes and their details:

- MaximumNumberOfDataNodesSupported

 This attribute will be present in Master node only to specify how much data nodes upto which given `<a>ESPartitionInstanceType</a>` can support as master node. 

- MaximumNumberOfDataNodesWithoutMasterNode

 This attribute will be present in Data node only to specify how much data nodes of given `<a>ESPartitionInstanceType</a>` upto which you don't need any master nodes to govern them. 

@return Name of Additional Limit is specific to a given

InstanceType and for each of it's `<a>InstanceRole</a>` etc.   
Attributes and their details:

- MaximumNumberOfDataNodesSupported

 This attribute will be present in Master node only to specify how much data nodes upto which given `<a>ESPartitionInstanceType</a>` can support as

master node. `MaximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `ESPartitionInstanceType` upto which you don't need any master nodes to govern them.

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LimitName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LimitName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "LimitName",
```

"setterDocumentation" : "

Name of Additional Limit is specific to a given InstanceType and for each of it's `InstanceRole` etc. Attributes and their details:

`MaximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `ESPartitionInstanceType` can support as master node. `MaximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `ESPartitionInstanceType` upto which you don't need any master nodes to govern them. 

@param limitName Name of Additional Limit is specific to a given InstanceType and for each of it's `InstanceRole` etc. Attributes and their details:

`MaximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `ESPartitionInstanceType` can support as master node. `MaximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `ESPartitionInstanceType` upto which you don't need any master nodes to govern them.

```
"setterMethodName" : "setLimitName",
"setterModel" : {
 "variableDeclarationType" : "String",
```

```

 "variableName" : "limitName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "limitName",
 "variableType" : "String",
 "documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's
<code> <a>InstanceRole </code> etc.
 Attributes and their details:

MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify
how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master
node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only
to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't
need any master nodes to govern them. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getLimitValues",
 "beanStyleSetterMethodName" : "setLimitValues",
 "c2jName" : "LimitValues",
 "c2jShape" : "LimitValueList",
 "defaultConsumerFluentSetterDocumentation" : "<p> Value for given <code>
<a>AdditionalLimit$LimitName </code> . </p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #limitValues(List<String>)}. \n@param limitValues a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #limitValues(List<String>)",
 "deprecated" : false,
 "documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> . </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "limitValues",
 "fluentSetterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> .
</p>\n@param limitValues Value for given <code> <a>AdditionalLimit$LimitName </code> . \n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "limitValues",
 "getterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> .

```

</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Value for given <code> <a>AdditionalLimit\$LimitName</a> </code> .",

```
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LimitValues",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LimitValues",
 "uri" : false
},
```

```
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
```

```
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "LimitValue",
```

"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n @param member a consumer that will call methods on { @link String.Builder} \n @return Returns a reference to this object so that method calls can be chained together. \n @see #member(String)",

```
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
```

```

 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,

```

```

 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
 },
 "memberLocationName" : null,
 "memberType" : "String",
 "map" : false,
 "memberAdditionalMarshallingPath" : null,
 "memberAdditionalUnmarshallingPath" : null,
 "simple" : true,
 "simpleType" : "String",
 "templateImplType" : "java.util.ArrayList<String>",
 "templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> .
</p>\n@param limitValues Value for given <code> <a>AdditionalLimit$LimitName </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "limitValues",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "limitValues",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> . </p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}],

```



```

"membersAsMap" : {
 "LimitName" : {
 "beanStyleGetterMethodName" : "getLimitName",
 "beanStyleSetterMethodName" : "setLimitName",
 "c2jName" : "LimitName",
 "c2jShape" : "LimitName",
 "defaultConsumerFluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given
InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:

 MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to
specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as
master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data
node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which
you don't need any master nodes to govern them. </p>\nThis is a convenience that creates an instance of the
{ @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#limitName(String)}. \n@param limitName a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #limitName(String)",
 "deprecated" : false,
 "documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's
<code> <a>InstanceRole </code> etc.
 Attributes and their details:

MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify
how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master
node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only
to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't
need any master nodes to govern them. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "limitName",
 "fluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each
of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:

MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify
how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master
node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only
to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't
need any master nodes to govern them. </p>\n@param limitName Name of Additional Limit is specific to a
given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:

 MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to
specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as
master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data
node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which
you don't need any master nodes to govern them. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "limitName",
 "getterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of
it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:


```

`MaximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<a>ESPartitionInstanceType</a>` can support as master node. `MaximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<a>ESPartitionInstanceType</a>` upto which you don't need any master nodes to govern them.   
 @return Name of Additional Limit is specific to a given InstanceType and for each of it's `<a>InstanceRole</a>` etc.   
 Attributes and their details:   

- `MaximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<a>ESPartitionInstanceType</a>` can support as master node.
- `MaximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<a>ESPartitionInstanceType</a>` upto which you don't need any master nodes to govern them.

```

"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LimitName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LimitName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "LimitName",
"setterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's

```

```

<code> <a>InstanceRole </code> etc.

Attributes and their details:

- MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <a>ESPartitionInstanceType can support as master node.
- MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <a>ESPartitionInstanceType upto which you don't need any master nodes to govern them.

 @param limitName Name of Additional Limit is specific to a given InstanceType and for each of it's <a>InstanceRole etc.

 Attributes and their details:

```

<br/> <ul> <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul>",

```
"setterMethodName" : "setLimitName",
```

```
"setterModel" : {
```

```
 "variableDeclarationType" : "String",
```

```
 "variableName" : "limitName",
```

```
 "variableType" : "String",
```

```
 "documentation" : null,
```

```
 "simpleType" : "String",
```

```
 "variableSetterType" : "String"
```

```
},
```

```
"simple" : true,
```

```
"timestampFormat" : null,
```

```
"variable" : {
```

```
 "variableDeclarationType" : "String",
```

```
 "variableName" : "limitName",
```

```
 "variableType" : "String",
```

"documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/> <ul>

<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul> </p>",

```
 "simpleType" : "String",
```

```
 "variableSetterType" : "String"
```

```
},
```

```
"xmlNamespaceUri" : null
```

```
},
```

```
"LimitValues" : {
```

```
 "beanStyleGetterMethodName" : "getLimitValues",
```

```
 "beanStyleSetterMethodName" : "setLimitValues",
```

```
 "c2jName" : "LimitValues",
```

```
 "c2jShape" : "LimitValueList",
```

```
 "defaultConsumerFluentSetterDocumentation" : "<p> Value for given <code>
```

<a>AdditionalLimit\$LimitName</a> </code> . </p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #limitValues(List<String>)}. \n@param limitValues a consumer that will call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #limitValues(List<String>)",

```
 "deprecated" : false,
```

```
 "documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> . </p>",
```

```
 "enumType" : null,
```

```
 "eventHeader" : false,
```

```

"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitValues",
"fluentSetterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> .
</p>\n@param limitValues Value for given <code> <a>AdditionalLimit$LimitName </code> .\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "limitValues",
"getterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> .
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return Value for given <code> <a>AdditionalLimit$LimitName
</code> .",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LimitValues",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LimitValues",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "LimitValue",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param

```

member a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(String)",

```
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
```

```

"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> .
</p>\n@param limitValues Value for given <code> <a>AdditionalLimit$LimitName </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "limitValues",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {

```

```

"variableDeclarationType" : "java.util.List<String>",
"variableName" : "limitValues",
"variableType" : "java.util.List<String>",
"documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> . </p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
"beanStyleGetterMethodName" : "getLimitName",
"beanStyleSetterMethodName" : "setLimitName",
"c2jName" : "LimitName",
"c2jShape" : "LimitName",
"defaultConsumerFluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:
 MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't need any master nodes to govern them. </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #limitName(String)}. \n@param limitName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #limitName(String)",
"deprecated" : false,
"documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:
 MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't need any master nodes to govern them. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitName",
"fluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:
 MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't need any master nodes to govern them. </p>\n@param limitName Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:

```

<br/> <ul> <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul>\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "limitName",
```

```
"getterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:

```

```
MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't need any master nodes to govern them. <p>\n@return Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:

```

```
 MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't need any master nodes to govern them. ",
```

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LimitName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LimitName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
```



```

"name" : "LimitName",
"setterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's
<code> <a>InstanceRole </code> etc.
 Attributes and their details:

MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify
how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master
node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only
to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't
need any master nodes to govern them. <p>\n@param limitName Name of Additional Limit is specific to a
given InstanceType and for each of it's <code> <a>InstanceRole </code> etc.
 Attributes and their details:

 MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to
specify how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as
master node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data
node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which
you don't need any master nodes to govern them. ",
"setterMethodName" : "setLimitName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "limitName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "limitName",
"variableType" : "String",
"documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's
<code> <a>InstanceRole </code> etc.
 Attributes and their details:

MaximumNumberOfDataNodesSupported This attribute will be present in Master node only to specify
how much data nodes upto which given <code> <a>ESPartitionInstanceType </code> can support as master
node. MaximumNumberOfDataNodesWithoutMasterNode This attribute will be present in Data node only
to specify how much data nodes of given <code> <a>ESPartitionInstanceType </code> upto which you don't
need any master nodes to govern them. <p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getLimitValues",
"beanStyleSetterMethodName" : "setLimitValues",
"c2jName" : "LimitValues",
"c2jShape" : "LimitValueList",
"defaultConsumerFluentSetterDocumentation" : "<p> Value for given <code>
<a>AdditionalLimit$LimitName </code> . <p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the

```

{ @link Consumer } completes, { @link List<String>.Builder#build() } is called immediately and its result is passed to { @link #limitValues(List<String>) }.  
@param limitValues a consumer that will call methods on { @link List<String>.Builder }  
@return Returns a reference to this object so that method calls can be chained together.  
@see #limitValues(List<String>)",

```
"deprecated" : false,
"documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> . </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitValues",
"fluentSetterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> .
</p>\n@param limitValues Value for given <code> <a>AdditionalLimit$LimitName </code> .\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "limitValues",
"getterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> .
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return Value for given <code> <a>AdditionalLimit$LimitName
</code> .",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LimitValues",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LimitValues",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
```

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"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "LimitValue",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,

```

```

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> .
</p>\n@param limitValues Value for given <code> <a>AdditionalLimit$LimitName </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "limitValues",

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 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "limitValues",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName </code> . </p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "AdditionalLimit",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "AdditionalLimit",
 "variableName" : "additionalLimit",
 "variableType" : "AdditionalLimit",
 "documentation" : null,
 "simpleType" : "AdditionalLimit",
 "variableSetterType" : "AdditionalLimit"
},
"wrapper" : false
},
"AdvancedOptionsStatus" : {
 "c2jName" : "AdvancedOptionsStatus",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Status of the advanced options for the specified Elasticsearch domain. Currently, the following advanced options are available:</p> Option to allow references to indices in an HTTP request"

```

body. Must be `false` when configuring access to individual sub-resources. By default, the value is `true`. See [Configuration Advanced Options](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options) for more information.

- Option to specify the percentage of heap space that is allocated to field data. By default, this setting is unbounded.

For more information, see [Configuring Advanced Options](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options).

```

"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "AdvancedOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#options(Map<String,String>)}. \n@param options a consumer that will call methods on { @link
Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(Map<String,String>)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n@param options Specifies the status of advanced options for the specified Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return Specifies the status of advanced options for the specified
Elasticsearch domain.",
 "getterModel" : {

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"returnType" : "java.util.Map<String,String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
"implType" : "java.util.HashMap",
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
"beanStyleGetterMethodName" : "getKey",
"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",

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 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the Key property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,

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"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #value(String)}. \n@param value a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

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 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n\n@param options Specifies the status of advanced options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",

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"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "options",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "options",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>\n@return Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.",

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```

"getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the

```

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specified Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "Options" : {
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "AdvancedOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#options(Map<String,String>)}. \n@param options a consumer that will call methods on { @link
Map<String,String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(Map<String,String>)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n@param options Specifies the status of advanced options for the specified Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return Specifies the status of advanced options for the specified
Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,String>",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 }
}

```

```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {

```

```

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",

```

```

"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,

```



```

 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n\n@param options Specifies the status of advanced options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "options",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {

```

```

"variableDeclarationType" : "java.util.Map<String,String>",
"variableName" : "options",
"variableType" : "java.util.Map<String,String>",
"documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>",
"simpleType" : "Map<String,String>",
"variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
},
"Status" : {
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the
{ @link OptionStatus.Builder} avoiding the need to create one manually via { @link
OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is
called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will
call methods on { @link OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can
be chained together.\n@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options
for the specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>\n@return Specifies the status of <code>OptionStatus</code> for advanced
options for the specified Elasticsearch domain.",
"getterModel" : {
"returnType" : "OptionStatus",
"documentation" : null
},
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,

```

```

 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getOptions",

```

```

"beanStyleSetterMethodName" : "setOptions",
"c2jName" : "Options",
"c2jShape" : "AdvancedOptions",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#options(Map<String,String>)}. \n@param options a consumer that will call methods on { @link
Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(Map<String,String>)",
"deprecated" : false,
"documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n@param options Specifies the status of advanced options for the specified Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return Specifies the status of advanced options for the specified
Elasticsearch domain.",
"getterModel" : {
 "returnType" : "java.util.Map<String,String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,

```

```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",

```

```

 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called
immediately and its result is passed to {@link #value(String)}. \n\n@param value a consumer that will call methods on

```

```

{@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",

```

```

"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>\n@param options Specifies the status of advanced options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "options",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "options",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
}, {

```



```

"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the
{ @link OptionStatus.Builder} avoiding the need to create one manually via { @link
OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is
called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will
call methods on { @link OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can
be chained together.\n@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options
for the specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>\n@return Specifies the status of <code>OptionStatus</code> for advanced
options for the specified Elasticsearch domain.",
"getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
},

```

```

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["Options", "Status"],
"shapeName" : "AdvancedOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "AdvancedOptionsStatus",
 "variableName" : "advancedOptionsStatus",
 "variableType" : "AdvancedOptionsStatus",
 "documentation" : null,

```

```

 "simpleType" : "AdvancedOptionsStatus",
 "variableSetterType" : "AdvancedOptionsStatus"
 },
 "wrapper" : false
},
"BaseException" : {
 "c2jName" : "BaseException",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>An error occurred while processing the request.</p>",
 "enums" : null,
 "errorCode" : "BaseException",
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [],
 "membersAsMap" : { },
 "nonStreamingMembers" : [],
 "requestSignerAware" : false,
 "requestSignerClassFqcn" : null,
 "required" : null,
 "shapeName" : "BaseException",
 "simpleMethod" : false,
 "unmarshaller" : null,
 "variable" : {
 "variableDeclarationType" : "BaseException",
 "variableName" : "baseException",
 "variableType" : "BaseException",
 "documentation" : null,
 "simpleType" : "BaseException",
 "variableSetterType" : "BaseException"
 },
 "wrapper" : false
},
"CancelElasticsearchServiceSoftwareUpdateRequest" : {
 "c2jName" : "CancelElasticsearchServiceSoftwareUpdateRequest",

```

```

"customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Container for the parameters to the
<code><a>CancelElasticsearchServiceSoftwareUpdate</code> operation. Specifies the name of the
Elasticsearch domain that you wish to cancel a service software update on.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
 "action" : "CancelElasticsearchServiceSoftwareUpdate",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/serviceSoftwareUpdate/cancel",
 "target" : null,
 "verb" : "POST",
 "xmlNameSpaceUri" : null
},
"members" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest
service software update on.</p>\nThis is a convenience that creates an instance of the { @link String.Builder }
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer } completes,
{ @link String.Builder#build() } is called immediately and its result is passed to { @link
#domainName(String)}. \n@param domainName a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,

```

```

"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest service software
update on.</p>\n@param domainName The name of the domain that you want to stop the latest service software
update on.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>\n@return The name of the domain that you want to stop the latest service software update on.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>\n@param domainName The name of the domain that you want to stop the latest service software update
on.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
}

```

```

 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest
service software update on.</p>\nThis is a convenience that creates an instance of the { @link String.Builder }
avoiding the need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes,
{ @link String.Builder#build() } is called immediately and its result is passed to { @link
#domainName(String) }. \n@param domainName a consumer that will call methods on { @link
String.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest service software
update on.</p>\n@param domainName The name of the domain that you want to stop the latest service software
update on. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>\n@return The name of the domain that you want to stop the latest service software update on.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,

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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>\n@param domainName The name of the domain that you want to stop the latest service software update
on.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}

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 },
 "nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest
service software update on.</p>\nThis is a convenience that creates an instance of the { @link String.Builder }
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer } completes,
{ @link String.Builder#build() } is called immediately and its result is passed to { @link
#domainName(String)}. \n@param domainName a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest service software
update on.</p>\n@param domainName The name of the domain that you want to stop the latest service software
update on. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>\n@return The name of the domain that you want to stop the latest service software update on.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
 }
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
 }
 },

```



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 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>\n@param domainName The name of the domain that you want to stop the latest service software update
on.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the domain that you want to stop the latest service software update
on.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["DomainName"],
"shapeName" : "CancelElasticsearchServiceSoftwareUpdateRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "CancelElasticsearchServiceSoftwareUpdateRequest",
 "variableName" : "cancelElasticsearchServiceSoftwareUpdateRequest",
 "variableType" : "CancelElasticsearchServiceSoftwareUpdateRequest",
 "documentation" : null,
 "simpleType" : "CancelElasticsearchServiceSoftwareUpdateRequest",
 "variableSetterType" : "CancelElasticsearchServiceSoftwareUpdateRequest"
},

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"wrapper" : false
},
"CancelElasticsearchServiceSoftwareUpdateResponse" : {
 "c2jName" : "CancelElasticsearchServiceSoftwareUpdateResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The result of a <code>CancelElasticsearchServiceSoftwareUpdate</code> operation.
Contains the status of the update.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
 "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
 "c2jName" : "ServiceSoftwareOptions",
 "c2jShape" : "ServiceSoftwareOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder }
avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder() }. \n\nWhen the { @link
Consumer } completes, { @link ServiceSoftwareOptions.Builder#build() } is called immediately and its result is
passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions) }. \n@param serviceSoftwareOptions a
consumer that will call methods on { @link ServiceSoftwareOptions.Builder } \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
 "deprecated" : false,
 "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "serviceSoftwareOptions",
 "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\n\n@param serviceSoftwareOptions The current status of the Elasticsearch service software
update. \n@return Returns a reference to this object so that method calls can be chained together."
 }]
}

```

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 "fluentSetterMethodName" : "serviceSoftwareOptions",
 "getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@return
The current status of the Elasticsearch service software update.",
 "getterModel" : {
 "returnType" : "ServiceSoftwareOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ServiceSoftwareOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ServiceSoftwareOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "ServiceSoftwareOptions",
 "setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch service software update.",
 "setterMethodName" : "setServiceSoftwareOptions",
 "setterModel" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : null,
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",

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 "variableType" : "ServiceSoftwareOptions",
 "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "ServiceSoftwareOptions" : {
 "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
 "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
 "c2jName" : "ServiceSoftwareOptions",
 "c2jShape" : "ServiceSoftwareOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder}
avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is
passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions)}. \n@param serviceSoftwareOptions a
consumer that will call methods on { @link ServiceSoftwareOptions.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
 "deprecated" : false,
 "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "serviceSoftwareOptions",
 "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch service software
update. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "serviceSoftwareOptions",
 "getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@return
The current status of the Elasticsearch service software update.",
 "getterModel" : {
 "returnType" : "ServiceSoftwareOptions",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 }
}

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 "marshallLocationName" : "ServiceSoftwareOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ServiceSoftwareOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "ServiceSoftwareOptions",
 "setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch service software update.",
 "setterMethodName" : "setServiceSoftwareOptions",
 "setterModel" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : null,
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
 "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
 "c2jName" : "ServiceSoftwareOptions",
 "c2jShape" : "ServiceSoftwareOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder}
avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is

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passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions)}.  
 @param serviceSoftwareOptions a consumer that will call methods on { @link ServiceSoftwareOptions.Builder}  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see #serviceSoftwareOptions(ServiceSoftwareOptions)",

```

 "deprecated" : false,
 "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "serviceSoftwareOptions",
 "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch service software
update.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "serviceSoftwareOptions",
 "getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@return
The current status of the Elasticsearch service software update.",
 "getterModel" : {
 "returnType" : "ServiceSoftwareOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ServiceSoftwareOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ServiceSoftwareOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "ServiceSoftwareOptions",
 "setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch service software update.",

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```

"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : null,
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "CancelElasticsearchServiceSoftwareUpdateResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
 "variableName" : "cancelElasticsearchServiceSoftwareUpdateResponse",
 "variableType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
 "documentation" : null,
 "simpleType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
 "variableSetterType" : "CancelElasticsearchServiceSoftwareUpdateResponse"
},
"wrapper" : false
},
"CognitoOptions" : {
 "c2jName" : "CognitoOptions",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 }
}

```

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 },
 "deprecated" : false,
 "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getEnabled",
 "beanStyleSetterMethodName" : "setEnabled",
 "c2jName" : "Enabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana
authentication.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the
need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param
enabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #enabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "enabled",
 "fluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana
authentication.</p>\n@param enabled Specifies the option to enable Cognito for Kibana authentication. \n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "enabled",
 "getterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\n@return
Specifies the option to enable Cognito for Kibana authentication.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,

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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
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 "marshallLocationName" : "Enabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Enabled",
 "uri" : false
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 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
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 "setterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\n@param
enabled Specifies the option to enable Cognito for Kibana authentication.",
 "setterMethodName" : "setEnabled",
 "setterModel" : {
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 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : null,
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 "variableSetterType" : "Boolean"
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 "simple" : true,
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 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
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 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUserPoolId",
 "beanStyleSetterMethodName" : "setUserPoolId",
 "c2jName" : "UserPoolId",

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```

 "c2jShape" : "UserPoolId",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #userPoolId(String)}. \n@param userPoolId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #userPoolId(String)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
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 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "userPoolId",
 "fluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@param userPoolId Specifies the Cognito user pool ID for Kibana authentication.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "userPoolId",
 "getterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@return Specifies the Cognito user pool ID for Kibana authentication.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
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 "http" : {
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 "additionalUnmarshallingPath" : null,
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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UserPoolId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UserPoolId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,

```

```

"marshallingType" : "STRING",
"name" : "UserPoolId",
"setterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@param
userPoolId Specifies the Cognito user pool ID for Kibana authentication.",
"setterMethodName" : "setUserPoolId",
"setterModel" : {
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 "variableName" : "userPoolId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
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"simple" : true,
"timestampFormat" : null,
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 "variableType" : "String",
 "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
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"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getIdentityPoolId",
 "beanStyleSetterMethodName" : "setIdentityPoolId",
 "c2jName" : "IdentityPoolId",
 "c2jShape" : "IdentityPoolId",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana
authentication.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need
to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #identityPoolId(String)}. \n@param
identityPoolId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #identityPoolId(String)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
 "enumType" : null,
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 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "identityPoolId",
 "fluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana
authentication.</p>\n@param identityPoolId Specifies the Cognito identity pool ID for Kibana
authentication.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "identityPoolId",
 "getterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@return

```

Specifies the Cognito identity pool ID for Kibana authentication.",

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"getterModel" : {
 "returnType" : "String",
 "documentation" : null
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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "IdentityPoolId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "IdentityPoolId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "IdentityPoolId",
```

"setterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@param identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.",

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"setterMethodName" : "setIdentityPoolId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "identityPoolId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "identityPoolId",
 "variableType" : "String",
 "documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
```

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 "simpleType" : "String",
 "variableSetterType" : "String"
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 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getRoleArn",
 "beanStyleSetterMethodName" : "setRoleArn",
 "c2jName" : "RoleArn",
 "c2jShape" : "RoleArn",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch
permissions for accessing Cognito resources.</p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String.Builder#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#roleArn(String)}. \n@param roleArn a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #roleArn(String)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito
resources.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "roleArn",
 "fluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for
accessing Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions
for accessing Cognito resources. \n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "roleArn",
 "getterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing
Cognito resources.</p>\n@return Specifies the role ARN that provides Elasticsearch permissions for accessing
Cognito resources.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
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 "http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RoleArn",
 "queryString" : false,

```

```

 "statusCode" : false,
 "unmarshallLocationName" : "RoleArn",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
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 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "RoleArn",
 "setterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.",
 "setterMethodName" : "setRoleArn",
 "setterModel" : {
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 "variableName" : "roleArn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "simple" : true,
 "timestampFormat" : null,
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 "variableName" : "roleArn",
 "variableType" : "String",
 "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "Enabled" : {
 "beanStyleGetterMethodName" : "getEnabled",
 "beanStyleSetterMethodName" : "setEnabled",
 "c2jName" : "Enabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param

```

enabled a consumer that will call methods on {@link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #enabled(Boolean)",

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"deprecated" : false,
"documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana
authentication.</p>\n@param enabled Specifies the option to enable Cognito for Kibana authentication.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\n@return
Specifies the option to enable Cognito for Kibana authentication.",
"getterModel" : {
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 "documentation" : null
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"http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Enabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Enabled",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\n@param
enabled Specifies the option to enable Cognito for Kibana authentication.",
"setterMethodName" : "setEnabled",
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"setterModel" : {
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 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"IdentityPoolId" : {
 "beanStyleGetterMethodName" : "getIdentityPoolId",
 "beanStyleSetterMethodName" : "setIdentityPoolId",
 "c2jName" : "IdentityPoolId",
 "c2jShape" : "IdentityPoolId",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #identityPoolId(String)}. \n@param identityPoolId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #identityPoolId(String)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "identityPoolId",
 "fluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@param identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "identityPoolId",
 "getterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@return Specifies the Cognito identity pool ID for Kibana authentication.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
}

```



```

},
"http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
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 "marshallLocationName" : "IdentityPoolId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "IdentityPoolId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "IdentityPoolId",
"setterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@param
identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.",
"setterMethodName" : "setIdentityPoolId",
"setterModel" : {
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 "variableName" : "identityPoolId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
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"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "identityPoolId",
 "variableType" : "String",
 "documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
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"xmlNamespaceUri" : null

```

```

 },
 "RoleArn" : {
 "beanStyleGetterMethodName" : "getRoleArn",
 "beanStyleSetterMethodName" : "setRoleArn",
 "c2jName" : "RoleArn",
 "c2jShape" : "RoleArn",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch
permissions for accessing Cognito resources.</p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#roleArn(String)}. \n@param roleArn a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #roleArn(String)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito
resources.</p>",
 "enumType" : null,
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 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
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 "fluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for
accessing Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions
for accessing Cognito resources. \n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "roleArn",
 "getterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing
Cognito resources.</p>\n@return Specifies the role ARN that provides Elasticsearch permissions for accessing
Cognito resources.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
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 "http" : {
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RoleArn",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RoleArn",
 "uri" : false
 }
}

```

```

 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "RoleArn",
 "setterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing
Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions for
accessing Cognito resources.",
 "setterMethodName" : "setRoleArn",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "roleArn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "variableName" : "roleArn",
 "variableType" : "String",
 "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito
resources.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"UserPoolId" : {
 "beanStyleGetterMethodName" : "getUserPoolId",
 "beanStyleSetterMethodName" : "setUserPoolId",
 "c2jName" : "UserPoolId",
 "c2jShape" : "UserPoolId",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana
authentication.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need
to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #userPoolId(String)}. \n@param
userPoolId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #userPoolId(String)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",

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"enumType" : null,
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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "userPoolId",
"fluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana
authentication.</p>\n@param userPoolId Specifies the Cognito user pool ID for Kibana authentication.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "userPoolId",
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Specifies the Cognito user pool ID for Kibana authentication.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UserPoolId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UserPoolId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UserPoolId",
"setterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@param
userPoolId Specifies the Cognito user pool ID for Kibana authentication.",
"setterMethodName" : "setUserPoolId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "userPoolId",
 "variableType" : "String",

```

```

 "documentation" : null,
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 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "userPoolId",
 "variableType" : "String",
 "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getEnabled",
 "beanStyleSetterMethodName" : "setEnabled",
 "c2jName" : "Enabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param enabled a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #enabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "enabled",
 "fluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\n@param enabled Specifies the option to enable Cognito for Kibana authentication.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "enabled",
 "getterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\n@return Specifies the option to enable Cognito for Kibana authentication.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,

```

```

"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Enabled",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Enabled",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>\n@param
enabled Specifies the option to enable Cognito for Kibana authentication.",
"setterMethodName" : "setEnabled",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
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"simple" : true,
"timestampFormat" : null,
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 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUserPoolId",
 "beanStyleSetterMethodName" : "setUserPoolId",

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```

"c2jName" : "UserPoolId",
"c2jShape" : "UserPoolId",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #userPoolId(String)}. \n@param userPoolId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #userPoolId(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "userPoolId",
"fluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@param userPoolId Specifies the Cognito user pool ID for Kibana authentication.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "userPoolId",
"getterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@return Specifies the Cognito user pool ID for Kibana authentication.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UserPoolId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UserPoolId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,

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```

"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UserPoolId",
"setterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>\n@param
userPoolId Specifies the Cognito user pool ID for Kibana authentication.",
"setterMethodName" : "setUserPoolId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "userPoolId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
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 "variableName" : "userPoolId",
 "variableType" : "String",
 "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getIdentityPoolId",
 "beanStyleSetterMethodName" : "setIdentityPoolId",
 "c2jName" : "IdentityPoolId",
 "c2jShape" : "IdentityPoolId",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana
authentication.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need
to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #identityPoolId(String)}. \n@param
identityPoolId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #identityPoolId(String)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "identityPoolId",
 "fluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana
authentication.</p>\n@param identityPoolId Specifies the Cognito identity pool ID for Kibana
authentication.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "identityPoolId",

```



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"getterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@return
Specifies the Cognito identity pool ID for Kibana authentication.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "IdentityPoolId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "IdentityPoolId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "IdentityPoolId",
"setterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>\n@param
identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.",
"setterMethodName" : "setIdentityPoolId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "identityPoolId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "identityPoolId",
 "variableType" : "String",

```

```

 "documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getRoleArn",
 "beanStyleSetterMethodName" : "setRoleArn",
 "c2jName" : "RoleArn",
 "c2jShape" : "RoleArn",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch
permissions for accessing Cognito resources.</p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String.Builder}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#roleArn(String)}. \n@param roleArn a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #roleArn(String)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito
resources.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "roleArn",
 "fluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for
accessing Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions
for accessing Cognito resources. \n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "roleArn",
 "getterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing
Cognito resources.</p>\n@return Specifies the role ARN that provides Elasticsearch permissions for accessing
Cognito resources.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RoleArn",

```

```

 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RoleArn",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "RoleArn",
 "setterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.",
 "setterMethodName" : "setRoleArn",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "roleArn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
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 "variableType" : "String",
 "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "CognitoOptions",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},

```

```

"variable" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : null,
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
},
"wrapper" : false
},
"CognitoOptionsStatus" : {
 "c2jName" : "CognitoOptionsStatus",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Status of the Cognito options for the specified Elasticsearch domain.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "CognitoOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder }
avoiding the need to create one manually via { @link CognitoOptions#builder() }. \n\nWhen the { @link Consumer }
completes, { @link CognitoOptions.Builder#build() } is called immediately and its result is passed to { @link
#options(CognitoOptions) }. \n@param options a consumer that will call methods on { @link
CognitoOptions.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(CognitoOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,

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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Cognito options for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@return Specifies the Cognito options for the specified Elasticsearch domain.",
"getterModel" : {
 "returnType" : "CognitoOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Cognito options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "options",
 "variableType" : "CognitoOptions",
 "documentation" : null,
 "simpleType" : "CognitoOptions",

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 "variableSetterType" : "CognitoOptions"
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 "simple" : false,
 "timestampFormat" : null,
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 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "options",
 "variableType" : "CognitoOptions",
 "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
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 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder } avoiding the need to create one manually via { @link OptionStatus.Builder#builder() }. \n\nWhen the { @link Consumer } completes, { @link OptionStatus.Builder#build() } is called immediately and its result is passed to { @link #status(OptionStatus) }. \n@param status a consumer that will call methods on { @link OptionStatus.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@return Specifies the status of the Cognito options for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

```

```

 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "Options" : {
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",

```

```

 "c2jName" : "Options",
 "c2jShape" : "CognitoOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the {@link CognitoOptions.Builder}
avoiding the need to create one manually via {@link CognitoOptions#builder()}. \n\nWhen the {@link Consumer}
completes, {@link CognitoOptions.Builder#build()} is called immediately and its result is passed to {@link
#options(CognitoOptions)}. \n@param options a consumer that will call methods on {@link
CognitoOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(CognitoOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Cognito options for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@return Specifies the Cognito options for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "CognitoOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,

```



```

"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Cognito options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "options",
 "variableType" : "CognitoOptions",
 "documentation" : null,
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "options",
 "variableType" : "CognitoOptions",
 "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
},
"xmlNamespaceUri" : null
},
"Status" : {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the
specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the {@link
OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}.
\n\nWhen the
{@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed
to {@link #status(OptionStatus)}.
\n@param status a consumer that will call methods on {@link
OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",

```

```

"fluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@return Specifies the status of the Cognito options for the specified Elasticsearch domain.",
"getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,

```

```

"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch
domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
},
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "CognitoOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder}
avoiding the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer}
completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(CognitoOptions)}. \n@param options a consumer that will call methods on { @link
CognitoOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(CognitoOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Cognito options for the specified Elasticsearch domain. \n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@return Specifies the Cognito options for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "CognitoOptions",
 "documentation" : null
 },
},
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```

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 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Options",
 "setterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Cognito options for the specified Elasticsearch domain.",
 "setterMethodName" : "setOptions",
 "setterModel" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "options",
 "variableType" : "CognitoOptions",
 "documentation" : null,
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "options",
 "variableType" : "CognitoOptions",
 "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the
specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the {@link

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OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}.  
 When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}.  
 @param status a consumer that will call methods on { @link OptionStatus.Builder}  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see #status(OptionStatus)",

```

 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@return Specifies the status of the Cognito options for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",

```

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"setterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch.",
"setterMethodName" : "setStatus",
"setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch
domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["Options", "Status"],
"shapeName" : "CognitoOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "CognitoOptionsStatus",
 "variableName" : "cognitoOptionsStatus",
 "variableType" : "CognitoOptionsStatus",
 "documentation" : null,
 "simpleType" : "CognitoOptionsStatus",
 "variableSetterType" : "CognitoOptionsStatus"
},
"wrapper" : false
},
"CompatibleVersionsMap" : {
 "c2jName" : "CompatibleVersionsMap",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,

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"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p> A map from an <code> <a>ElasticsearchVersion </code> to a list of compatible
<code> <a>ElasticsearchVersion </code> s to which the domain can be upgraded. </p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getSourceVersion",
 "beanStyleSetterMethodName" : "setSourceVersion",
 "c2jName" : "SourceVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain
is.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #sourceVersion(String)}. \n@param sourceVersion a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #sourceVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "sourceVersion",
 "fluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@param
sourceVersion The current version of Elasticsearch on which a domain is. \n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "sourceVersion",
 "getterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@return The
current version of Elasticsearch on which a domain is.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SourceVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SourceVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "SourceVersion",
"setterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@param
sourceVersion The current version of Elasticsearch on which a domain is.",
"setterMethodName" : "setSourceVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "sourceVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "sourceVersion",
 "variableType" : "String",
 "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getTargetVersions",

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"beanStyleSetterMethodName" : "setTargetVersions",
"c2jName" : "TargetVersions",
"c2jShape" : "ElasticsearchVersionList",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the TargetVersions property for this
object.\n\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to
create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#targetVersions(List<String>)}. \n@param targetVersions a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #targetVersions(List<String>)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersions",
"fluentSetterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param
targetVersions The new value for the TargetVersions property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "targetVersions",
"getterDocumentation" : "Returns the value of the TargetVersions property for this object.\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
The value of the TargetVersions property for this object.",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TargetVersions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TargetVersions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

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"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 }
 }
}

```

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 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TargetVersions",
"setterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param

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targetVersions The new value for the TargetVersions property for this object.",
 "setterMethodName" : "setTargetVersions",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "targetVersions",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "targetVersions",
 "variableType" : "java.util.List<String>",
 "documentation" : "",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "SourceVersion" : {
 "beanStyleGetterMethodName" : "getSourceVersion",
 "beanStyleSetterMethodName" : "setSourceVersion",
 "c2jName" : "SourceVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain
is.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #sourceVersion(String)}. \n@param sourceVersion a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #sourceVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "sourceVersion",
 "fluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@param
sourceVersion The current version of Elasticsearch on which a domain is.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "sourceVersion",
 "getterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@return The
current version of Elasticsearch on which a domain is.",

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"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SourceVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SourceVersion",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "SourceVersion",
"setterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@param
sourceVersion The current version of Elasticsearch on which a domain is.",
"setterMethodName" : "setSourceVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "sourceVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "sourceVersion",
 "variableType" : "String",
 "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
 "simpleType" : "String",

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 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"TargetVersions" : {
 "beanStyleGetterMethodName" : "getTargetVersions",
 "beanStyleSetterMethodName" : "setTargetVersions",
 "c2jName" : "TargetVersions",
 "c2jShape" : "ElasticsearchVersionList",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the TargetVersions property for this
object.\n\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to
create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#targetVersions(List<String>)}.\n@param targetVersions a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #targetVersions(List<String>)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "targetVersions",
 "fluentSetterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param
targetVersions The new value for the TargetVersions property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "targetVersions",
 "getterDocumentation" : "Returns the value of the TargetVersions property for this object.\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
The value of the TargetVersions property for this object.",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TargetVersions",
 "queryString" : false,
 "statusCode" : false,

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 "unmarshallLocationName" : "TargetVersions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 },

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 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"

```



```

 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "TargetVersions",
 "setterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param
targetVersions The new value for the TargetVersions property for this object.",
 "setterMethodName" : "setTargetVersions",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "targetVersions",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "targetVersions",
 "variableType" : "java.util.List<String>",
 "documentation" : "",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getSourceVersion",
 "beanStyleSetterMethodName" : "setSourceVersion",
 "c2jName" : "SourceVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain
is.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #sourceVersion(String)}. \n@param sourceVersion a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #sourceVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "sourceVersion",

```

```

"fluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@param
sourceVersion The current version of Elasticsearch on which a domain is.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "sourceVersion",
"getterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@return The
current version of Elasticsearch on which a domain is.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SourceVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SourceVersion",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "SourceVersion",
"setterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@param
sourceVersion The current version of Elasticsearch on which a domain is.",
"setterMethodName" : "setSourceVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "sourceVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,

```

```

"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "sourceVersion",
 "variableType" : "String",
 "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getTargetVersions",
 "beanStyleSetterMethodName" : "setTargetVersions",
 "c2jName" : "TargetVersions",
 "c2jShape" : "ElasticsearchVersionList",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the TargetVersions property for this
object.\n\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to
create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#targetVersions(List<String>)}.\n@param targetVersions a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #targetVersions(List<String>)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "targetVersions",
 "fluentSetterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param
targetVersions The new value for the TargetVersions property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "targetVersions",
 "getterDocumentation" : "Returns the value of the TargetVersions property for this object.\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
The value of the TargetVersions property for this object.",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

```

```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TargetVersions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TargetVersions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```

```

 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,

```

```

"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TargetVersions",
"setterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param
targetVersions The new value for the TargetVersions property for this object.",
"setterMethodName" : "setTargetVersions",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "targetVersions",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "targetVersions",
"variableType" : "java.util.List<String>",
"documentation" : "",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "CompatibleVersionsMap",
"simpleMethod" : false,
"unmarshaller" : {
"flattened" : false,
"resultWrapper" : null
},
"variable" : {
"variableDeclarationType" : "CompatibleVersionsMap",
"variableName" : "compatibleVersionsMap",
"variableType" : "CompatibleVersionsMap",
"documentation" : null,
"simpleType" : "CompatibleVersionsMap",

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```

 "variableSetterType" : "CompatibleVersionsMap"
 },
 "wrapper" : false
},
"CreateElasticsearchDomainRequest" : {
 "c2jName" : "CreateElasticsearchDomainRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "CreateElasticsearchDomain",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/domain",
 "target" : null,
 "verb" : "POST",
 "xmlNamespaceUri" : null
 },
 "members" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique

```

across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).

```
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
```

```
"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).\n@return Returns a reference to this object so that method calls can be chained together."
```

```
"fluentSetterMethodName" : "domainName",
```

```
"getterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@return The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen)."
```

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
```



```

"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are
unique across the domains owned by an account within an AWS region. Domain names must start with a letter or
number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName
The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by
an account within an AWS region. Domain names must start with a letter or number and can contain the following
characters: a-z (lowercase), 0-9, and - (hyphen).",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique
across the domains owned by an account within an AWS region. Domain names must start with a letter or number
and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchVersion",
 "beanStyleSetterMethodName" : "setElasticsearchVersion",
 "c2jName" : "ElasticsearchVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the
Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomains\" target=\"_blank\">Creating Elasticsearch Domains in the <i>Amazon Elasticsearch Service
Developer Guide</i>.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#elasticsearchVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or

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\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdateddomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\",
 \"enumType\" : null,
 \"eventHeader\" : false,
 \"eventPayload\" : false,
 \"fluentEnumGetterMethodName\" : null,
 \"fluentEnumSetterMethodName\" : null,
 \"fluentGetterMethodName\" : \"elasticsearchVersion\",
 \"fluentSetterDocumentation\" : \"<p>String of format X.Y to specify version for the Elasticsearch domain eg.
\"1.5\" or \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdateddomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\n@param
elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdateddomains.html#es-createdomains\" target=\"_blank\">Creating Elasticsearch Domains in the
<i>Amazon Elasticsearch Service Developer Guide</i>.\n@return Returns a reference to this object so that method
calls can be chained together.\"\",
 \"fluentSetterMethodName\" : \"elasticsearchVersion\",
 \"getterDocumentation\" : \"<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdateddomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\n@return String of
format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomains\" target=\"_blank\">Creating Elasticsearch Domains in the <i>Amazon Elasticsearch Service
Developer Guide</i>.\",
 \"getterModel\" : {
 \"returnType\" : \"String\",
 \"documentation\" : null
 },
 \"http\" : {
 \"additionalMarshallingPath\" : null,
 \"additionalUnmarshallingPath\" : null,
 \"flattened\" : false,
 \"greedy\" : false,
 \"header\" : false,
 \"isPayload\" : false,
 \"isStreaming\" : false,
 \"location\" : null,
 \"marshallLocation\" : \"PAYLOAD\",
 \"marshallLocationName\" : \"ElasticsearchVersion\",
 \"queryString\" : false,
 \"statusCode\" : false,
 \"unmarshallLocationName\" : \"ElasticsearchVersion\",
 \"uri\" : false
 },
 \"idempotencyToken\" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\n@param
elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating Elasticsearch Domains in the
<i>Amazon Elasticsearch Service Developer Guide</i>.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
 "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
 "c2jName" : "ElasticsearchClusterConfig",
 "c2jShape" : "ElasticsearchClusterConfig",
 "defaultConsumerFluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain.
Specifies the instance type and number of instances in the domain cluster. </p>\nThis is a convenience that creates
an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link

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ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to {@link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}.  
 @param elasticsearchClusterConfig a consumer that will call methods on {@link ElasticsearchClusterConfig.Builder}  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",

```

 "deprecated" : false,
 "documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchClusterConfig",
 "fluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance
type and number of instances in the domain cluster. </p>\n@param elasticsearchClusterConfig Configuration
options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain
cluster.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchClusterConfig",
 "getterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type
and number of instances in the domain cluster. </p>\n@return Configuration options for an Elasticsearch domain.
Specifies the instance type and number of instances in the domain cluster.",
 "getterModel" : {
 "returnType" : "ElasticsearchClusterConfig",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchClusterConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchClusterConfig",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,

```

```

"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. </p>\n@param elasticsearchClusterConfig Configuration options for an
Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. </p>",
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEbsOptions",
 "beanStyleSetterMethodName" : "setEbsOptions",
 "c2jName" : "EBSOptions",
 "c2jShape" : "EBSOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of
EBS storage volumes. </p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder }
avoiding the need to create one manually via { @link EBSOptions#builder() }. \n\nWhen the { @link Consumer }
completes, { @link EBSOptions.Builder#build() } is called immediately and its result is passed to { @link
#ebsOptions(EBSOptions) }. \n@param ebsOptions a consumer that will call methods on { @link
EBSOptions.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #ebsOptions(EBSOptions)",
 "deprecated" : false,
 "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "ebsOptions",
 "fluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage
volumes. </p>\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage

```

```

volumes.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "ebsOptions",
 "getterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>\n@return Options to enable, disable and specify the type and size of EBS storage volumes.",
 "getterModel" : {
 "returnType" : "EBSOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EBSOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EBSOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "EBSOptions",
 "setterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.",
 "setterMethodName" : "setEbsOptions",
 "setterModel" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : null,
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "EBSOptions",

```

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 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>",
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
 },
 "xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAccessPolicies",
 "beanStyleSetterMethodName" : "setAccessPolicies",
 "c2jName" : "AccessPolicies",
 "c2jShape" : "PolicyDocument",
 "defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted
string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param
accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #accessPolicies(String)",
 "deprecated" : false,
 "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "accessPolicies",
 "fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "accessPolicies",
 "getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy
as a JSON-formatted string.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AccessPolicies",

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 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AccessPolicies",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "AccessPolicies",
 "setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
 "setterMethodName" : "setAccessPolicies",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSnapshotOptions",
 "beanStyleSetterMethodName" : "setSnapshotOptions",
 "c2jName" : "SnapshotOptions",
 "c2jShape" : "SnapshotOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated
snapshot. Default value is 0 hours. </p>\nThis is a convenience that creates an instance of the { @link
SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained

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together.\n@see #snapshotOptions(SnapshotOptions)",
 "deprecated" : false,
 "documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0
hours. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "snapshotOptions",
 "fluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default
value is 0 hours. </p>\n@param snapshotOptions Option to set time, in UTC format, of the daily automated
snapshot. Default value is 0 hours.\n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "snapshotOptions",
 "getterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value
is 0 hours. </p>\n@return Option to set time, in UTC format, of the daily automated snapshot. Default value is 0
hours.",
 "getterModel" : {
 "returnType" : "SnapshotOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SnapshotOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SnapshotOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "SnapshotOptions",
 "setterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value

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is 0 hours. </p>\n@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.",

```
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : null,
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0
hours. </p>",
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getVpcOptions",
 "beanStyleSetterMethodName" : "setVpcOptions",
 "c2jName" : "VPCOptions",
 "c2jShape" : "VPCOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for
VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC
Endpoints for Amazon Elasticsearch Service Domains</i></p>\nThis is a convenience that creates an instance of
the { @link VPCOptions.Builder} avoiding the need to create one manually via { @link
VPCOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCOptions.Builder#build()} is
called immediately and its result is passed to { @link #vpcOptions(VPCOptions)}. \n@param vpcOptions a
consumer that will call methods on { @link VPCOptions.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #vpcOptions(VPCOptions)",
 "deprecated" : false,
 "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i></p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "vpcOptions",
```

"fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "vpcOptions",

"getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@return Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>",

"getterModel" : {

"returnType" : "VPCOptions",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "VPCOptions",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "VPCOptions",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK\_POJO",

"name" : "VPCOptions",

"setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service

Domains

@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc> Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains

```
"setterMethodName" : "setVpcOptions",
"setterModel" : {
 "variableDeclarationType" : "VPCOptions",
 "variableName" : "vpcOptions",
 "variableType" : "VPCOptions",
 "documentation" : null,
 "simpleType" : "VPCOptions",
 "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "VPCOptions",
 "variableName" : "vpcOptions",
 "variableType" : "VPCOptions",
 "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains</p>",
 "simpleType" : "VPCOptions",
 "variableSetterType" : "VPCOptions"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getCognitoOptions",
 "beanStyleSetterMethodName" : "setCognitoOptions",
 "c2jName" : "CognitoOptions",
 "c2jShape" : "CognitoOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html Amazon Cognito Authentication for Kibana.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link #cognitoOptions(CognitoOptions)}. \n@param cognitoOptions a consumer that will call methods on { @link CognitoOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #cognitoOptions(CognitoOptions)",
 "deprecated" : false,
 "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html Amazon Cognito Authentication for Kibana.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
```

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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>\n@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.",
"getterModel" : {
 "returnType" : "CognitoOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CognitoOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CognitoOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-

```

cognito-auth.html" target="\_blank">Amazon Cognito Authentication for Kibana</a>.</p>\n@param  
 cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more  
 information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-  
 auth.html" target="\_blank">Amazon Cognito Authentication for Kibana</a>."

```

 "setterMethodName" : "setCognitoOptions",
 "setterModel" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : null,
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For

more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-

auth.html" target="_blank">Amazon Cognito Authentication for Kibana.</p>",
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
 },
 "xmlNamespaceUri" : null
 }, {
 "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
 "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
 "c2jName" : "EncryptionAtRestOptions",
 "c2jShape" : "EncryptionAtRestOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\nThis is a

convenience that creates an instance of the { @link EncryptionAtRestOptions.Builder} avoiding the need to create

one manually via { @link EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link

EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link

#encryptionAtRestOptions(EncryptionAtRestOptions)}. \n@param encryptionAtRestOptions a consumer that will

call methods on { @link EncryptionAtRestOptions.Builder} \n@return Returns a reference to this object so that

method calls can be chained together. \n@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "encryptionAtRestOptions",
 "fluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@param

encryptionAtRestOptions Specifies the Encryption At Rest Options. \n@return Returns a reference to this object so

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that method calls can be chained together.",

```
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@return Specifies the Encryption
At Rest Options.",
"getterModel" : {
 "returnType" : "EncryptionAtRestOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EncryptionAtRestOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EncryptionAtRestOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@param
encryptionAtRestOptions Specifies the Encryption At Rest Options.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
```

```

 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
 "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
 "c2jName" : "NodeToNodeEncryptionOptions",
 "c2jShape" : "NodeToNodeEncryptionOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\nThis
is a convenience that creates an instance of the { @link NodeToNodeEncryptionOptions.Builder} avoiding the need
to create one manually via { @link NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer}
completes, { @link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to
{ @link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. \n@param
nodeToNodeEncryptionOptions a consumer that will call methods on { @link
NodeToNodeEncryptionOptions.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
 "fluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions. \n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
 "getterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@return Specifies the
NodeToNodeEncryptionOptions.",
 "getterModel" : {
 "returnType" : "NodeToNodeEncryptionOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",

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 "marshallLocationName" : "NodeToNodeEncryptionOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "NodeToNodeEncryptionOptions",
 "setterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.",
 "setterMethodName" : "setNodeToNodeEncryptionOptions",
 "setterModel" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : null,
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAdvancedOptions",
 "beanStyleSetterMethodName" : "setAdvancedOptions",
 "c2jName" : "AdvancedOptions",
 "c2jShape" : "AdvancedOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options for more information.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link

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Map<String,String>#builder()).\n\nWhen the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(Map<String,String>)}.\n@param advancedOptions a consumer that will call methods on { @link Map<String,String>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #advancedOptions(Map<String,String>)",

"deprecated" : false,

"documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"\_blank\">Configuration Advanced Options</a> for more information.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "advancedOptions",

"fluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"\_blank\">Configuration Advanced Options</a> for more information.</p>\n@param advancedOptions Option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"\_blank\">Configuration Advanced Options</a> for more information.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "advancedOptions",

"getterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"\_blank\">Configuration Advanced Options</a> for more information.</p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n@return Option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"\_blank\">Configuration Advanced Options</a> for more information.",

"getterModel" : {

"returnType" : "java.util.Map<String,String>",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

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"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdvancedOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdvancedOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null

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},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null

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 },
 "valueLocationName" : "value",
 "valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #value(String)}. \n@param value a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,

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 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
 },
 "entryType" : "Map.Entry<String, String>",
 "templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options for more information.</p>\n\n@param advancedOptions Option to allow references to indices
in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By
default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",

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 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p>Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options for more information.</p>",
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
 "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
 "c2jName" : "LogPublishingOptions",
 "c2jShape" : "LogPublishingOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder}
avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately
and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.\n@param
logPublishingOptions a consumer that will call methods on { @link
Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
 "deprecated" : false,
 "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "logPublishingOptions",
 "fluentEnumSetterMethodName" : "logPublishingOptions",
 "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
 "fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>,
each containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.\n@return Returns a reference to this object so that method calls can be chained together.",

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"fluentSetterMethodName" : "logPublishingOptionsWithStrings",
"getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
"getterModel" : {
 "returnType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LogPublishingOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LogPublishingOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKeyAsString",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "LogType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,

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"documentation" : "",
"enumType" : "LogType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "key",
"fluentEnumSetterMethodName" : "key",
"fluentGetterMethodName" : "keyAsString",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key } will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}.\n</p>\n@return The value of the Key property for this object.\n@see LogType",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {

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 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "LogPublishingOption",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create
one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer} completes, { @link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(LogPublishingOption)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "LogPublishingOption",

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 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : null,
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : "",
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },

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 "xmlNamespaceUri" : null
 },
 "entryType" : "Map.Entry<String, LogPublishingOption>",
 "templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null,
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "AccessPolicies" : {
 "beanStyleGetterMethodName" : "getAccessPolicies",
 "beanStyleSetterMethodName" : "setAccessPolicies",
 "c2jName" : "AccessPolicies",
 "c2jShape" : "PolicyDocument",
 "defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted
string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}.</p>\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}.</p>\n@param
accessPolicies a consumer that will call methods on { @link String.Builder}</p>\n@return Returns a reference to this
object so that method calls can be chained together.</p>\n@see #accessPolicies(String)",
 "deprecated" : false,
 "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
 "enumType" : null,

```

```

"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@return IAM access
policy as a JSON-formatted string.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AccessPolicies",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AccessPolicies",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : null,

```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"AdvancedOptions" : {
 "beanStyleGetterMethodName" : "getAdvancedOptions",
 "beanStyleSetterMethodName" : "setAdvancedOptions",
 "c2jName" : "AdvancedOptions",
 "c2jShape" : "AdvancedOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP
request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the
value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options for more information.</p>\nThis is a convenience that
creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link
Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #advancedOptions(Map<String,String>)",
 "deprecated" : false,
 "documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options for more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "advancedOptions",
 "fluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options for more information.</p>\n@param advancedOptions Option to allow references to indices

```

in an HTTP request body. Must be `false` when configuring access to individual sub-resources. By default, the value is `true`. See [Configuration Advanced Options](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options) for more information.  
 @return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "advancedOptions",
```

```
"getterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>false</code> when configuring access to individual sub-resources. By default, the value is
<code>true</code>. See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\"' target='\"_blank\"'>Configuration
Advanced Options for more information.</p>\n<p>\nAttempts to modify the collection returned by this method
will result in an UnsupportedOperationException.\n</p>\n@return Option to allow references to indices in an HTTP
request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the
value is <code>true</code>. See <a href='\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"'
target='\"_blank\"'>Configuration Advanced Options for more information.",
```

```
"getterModel" : {
```

```
 "returnType" : "java.util.Map<String,String>",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "AdvancedOptions",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "AdvancedOptions",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : true,
```

```
"mapModel" : {
```

```
 "implType" : "java.util.HashMap",
```

```
 "interfaceType" : "java.util.Map",
```

```
 "keyLocationName" : "key",
```

```
 "keyModel" : {
```

```
 "beanStyleGetterMethodName" : "getKey",
```

```

"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n\n@param key a consumer that will call methods on
{ @link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n\n@return The value of the
Key property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,

```



```

"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The

```

new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the Value property for this object.",
```

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
```

```
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
```

```
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.",
```

```
"setterMethodName" : "setValue",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
```

```

 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",

```

"setterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"\_blank\">Configuration Advanced Options</a> for more information.</p>\n@param advancedOptions Option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"\_blank\">Configuration Advanced Options</a> for more information."

```

"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},

```

```

"simple" : false,
"timestampFormat" : null,
"variable" : {

```

"variableDeclarationType" : "java.util.Map<String,String>",  
"variableName" : "advancedOptions",  
"variableType" : "java.util.Map<String,String>",  
"documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"\_blank\">Configuration Advanced Options</a> for more information.</p>"

```

 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},

```

```

"xmlNamespaceUri" : null
},

```

```

"CognitoOptions" : {
 "beanStyleGetterMethodName" : "getCognitoOptions",
 "beanStyleSetterMethodName" : "setCognitoOptions",
 "c2jName" : "CognitoOptions",
 "c2jShape" : "CognitoOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools
for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding
the need to create one manually via { @link CognitoOptions.Builder}. \nWhen the { @link Consumer} completes,
{ @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link
#cognitoOptions(CognitoOptions)}. \n@param cognitoOptions a consumer that will call methods on { @link
CognitoOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #cognitoOptions(CognitoOptions)",
 "deprecated" : false,
 "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "cognitoOptions",
 "fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana
authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana
authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "cognitoOptions",
 "getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication.
For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@return Options to
specify the Cognito user and identity pools for Kibana authentication. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.",
 "getterModel" : {
 "returnType" : "CognitoOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```

```

 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CognitoOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CognitoOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "CognitoOptions",
 "setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.",
 "setterMethodName" : "setCognitoOptions",
 "setterModel" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : null,
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>",
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
 },
 "xmlNamespaceUri" : null
},

```

```

"DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are
creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names
must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and -
(hyphen).</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique
across the domains owned by an account within an AWS region. Domain names must start with a letter or number
and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain
names are unique across the domains owned by an account within an AWS region. Domain names must start with a
letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param
domainName The name of the Elasticsearch domain that you are creating. Domain names are unique across the
domains owned by an account within an AWS region. Domain names must start with a letter or number and can
contain the following characters: a-z (lowercase), 0-9, and - (hyphen). \n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are
unique across the domains owned by an account within an AWS region. Domain names must start with a letter or
number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@return The name of
the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account
within an AWS region. Domain names must start with a letter or number and can contain the following characters:
a-z (lowercase), 0-9, and - (hyphen).",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

```

```

 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
 },

```

```

 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",

```

"setterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",

```

 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },

```

```

 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",

```

"documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
 },

```

```

 "EBSOptions" : {

```

```

"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size
of EBS storage volumes. </p>\nThis is a convenience that creates an instance of the {@link EBSOptions.Builder}
avoiding the need to create one manually via {@link EBSOptions#builder()}. \n\nWhen the {@link Consumer}
completes, {@link EBSOptions.Builder#build()} is called immediately and its result is passed to {@link
#ebsOptions(EBSOptions)}. \n@param ebsOptions a consumer that will call methods on {@link
EBSOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #ebsOptions(EBSOptions)",
"deprecated" : false,
"documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage
volumes. </p>\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage
volumes.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "ebsOptions",
"getterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>\n@return Options to enable, disable and specify the type and size of EBS storage volumes.",
"getterModel" : {
 "returnType" : "EBSOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EBSOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EBSOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,

```



```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"setterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : null,
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>",
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
},
"xmlNamespaceUri" : null
},
"ElasticsearchClusterConfig" : {
 "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
 "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
 "c2jName" : "ElasticsearchClusterConfig",
 "c2jShape" : "ElasticsearchClusterConfig",
 "defaultConsumerFluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain.
Specifies the instance type and number of instances in the domain cluster. </p>\nThis is a convenience that creates
an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a consumer that
will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",
 "deprecated" : false,
 "documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. </p>",
 "enumType" : null,

```

```

"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance
type and number of instances in the domain cluster. </p>\n@param elasticsearchClusterConfig Configuration
options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain
cluster.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type
and number of instances in the domain cluster. </p>\n@return Configuration options for an Elasticsearch domain.
Specifies the instance type and number of instances in the domain cluster.",
"getterModel" : {
 "returnType" : "ElasticsearchClusterConfig",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchClusterConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchClusterConfig",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type
and number of instances in the domain cluster. </p>\n@param elasticsearchClusterConfig Configuration options for
an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",

```

```

"variableName" : "elasticsearchClusterConfig",
"variableType" : "ElasticsearchClusterConfig",
"documentation" : null,
"simpleType" : "ElasticsearchClusterConfig",
"variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ElasticsearchClusterConfig",
"variableName" : "elasticsearchClusterConfig",
"variableType" : "ElasticsearchClusterConfig",
"documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. </p>",
"simpleType" : "ElasticsearchClusterConfig",
"variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNamespaceUri" : null
},
"ElasticsearchVersion" : {
"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the
Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomains\" target=\"_blank\">Creating Elasticsearch Domains in the <i>Amazon Elasticsearch Service
Developer Guide</i>.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#elasticsearchVersion(String)",
"deprecated" : false,
"documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg.
\"1.5\" or \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating

```

Elasticsearch Domains

in the *Amazon Elasticsearch Service Developer Guide*.

`@param elasticsearchVersion` String of format X.Y to specify version for the Elasticsearch domain eg. `"1.5"` or `"2.3"`. For more information, see <http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains> Creating Elasticsearch Domains in the *Amazon Elasticsearch Service Developer Guide*.

`@return` Returns a reference to this object so that method calls can be chained together.

`"fluentSetterMethodName"` : "elasticsearchVersion",

`"getterDocumentation"` : "

String of format X.Y to specify version for the Elasticsearch domain eg. `"1.5"` or `"2.3"`. For more information, see <http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains> Creating Elasticsearch Domains in the *Amazon Elasticsearch Service Developer Guide*.

String of format X.Y to specify version for the Elasticsearch domain eg. `"1.5"` or `"2.3"`. For more information, see <http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains> Creating Elasticsearch Domains in the *Amazon Elasticsearch Service Developer Guide*.

`"getterModel"` : {  
    `"returnType"` : "String",  
    `"documentation"` : null

},

`"http"` : {  
    `"additionalMarshallingPath"` : null,  
    `"additionalUnmarshallingPath"` : null,  
    `"flattened"` : false,  
    `"greedy"` : false,  
    `"header"` : false,  
    `"isPayload"` : false,  
    `"isStreaming"` : false,  
    `"location"` : null,  
    `"marshallLocation"` : "PAYLOAD",  
    `"marshallLocationName"` : "ElasticsearchVersion",  
    `"queryString"` : false,  
    `"statusCode"` : false,  
    `"unmarshallLocationName"` : "ElasticsearchVersion",  
    `"uri"` : false

},

`"idempotencyToken"` : false,

`"isBinary"` : false,

`"jsonValue"` : false,

`"list"` : false,

`"listModel"` : null,

`"map"` : false,

`"mapModel"` : null,

`"marshallingType"` : "STRING",

`"name"` : "ElasticsearchVersion",

`"setterDocumentation"` : "

String of format X.Y to specify version for the Elasticsearch domain eg. `"1.5"` or `"2.3"`. For more information, see <http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains> Creating Elasticsearch Domains in the *Amazon Elasticsearch Service Developer Guide*.

`@param`

elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see  [in the \*Amazon Elasticsearch Service Developer Guide\*.](\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains\")

```
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see in the Amazon Elasticsearch Service Developer Guide.
```

```

"fluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@param
encryptionAtRestOptions Specifies the Encryption At Rest Options.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@return Specifies the
Encryption At Rest Options.",
"getterModel" : {
 "returnType" : "EncryptionAtRestOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EncryptionAtRestOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EncryptionAtRestOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@param
encryptionAtRestOptions Specifies the Encryption At Rest Options.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,

```

```

"variable" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNamespaceUri" : null
},
"LogPublishingOptions" : {
 "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
 "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
 "c2jName" : "LogPublishingOptions",
 "c2jShape" : "LogPublishingOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder}
avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately
and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.\n@param
logPublishingOptions a consumer that will call methods on { @link
Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
 "deprecated" : false,
 "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "logPublishingOptions",
 "fluentEnumSetterMethodName" : "logPublishingOptions",
 "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
 "fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\n@param logPublishingOptions Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "logPublishingOptionsWithStrings",
 "getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null
 },
},

```

```

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LogPublishingOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LogPublishingOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKeyAsString",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "LogType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #keyAsString(String)}. \n@param key a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : "LogType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "key",
 "fluentEnumSetterMethodName" : "key",
 "fluentGetterMethodName" : "keyAsString",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that method calls can be chained together.\n@see LogType",
 }
}

```



```
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #key } will return { @link LogType#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the service is available from { @link #keyAsString }.\n</p>\n@return The value of the Key property for this object.\n@see LogType",
```

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
```

```
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@see LogType",
```

```
"setterMethodName" : "setKey",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
```

```

 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "LogPublishingOption",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the
need to create one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer}
completes, { @link LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(LogPublishingOption)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "LogPublishingOption",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

```

```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
"variableDeclarationType" : "LogPublishingOption",
"variableName" : "value",
"variableType" : "LogPublishingOption",
"documentation" : null,
"simpleType" : "LogPublishingOption",
"variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "LogPublishingOption",
"variableName" : "value",
"variableType" : "LogPublishingOption",
"documentation" : "",
"simpleType" : "LogPublishingOption",
"variableSetterType" : "LogPublishingOption"
},
"xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type

```

of Elasticsearch log.",

```
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null,
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
},
"NodeToNodeEncryptionOptions" : {
 "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
 "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
 "c2jName" : "NodeToNodeEncryptionOptions",
 "c2jShape" : "NodeToNodeEncryptionOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the
NodeToNodeEncryptionOptions.</p>\nThis is a convenience that creates an instance of the { @link
NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link
NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. \n@param nodeToNodeEncryptionOptions a
consumer that will call methods on { @link NodeToNodeEncryptionOptions.Builder} \n@return Returns a reference
to this object so that method calls can be chained together. \n@see
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
 "fluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions. \n@return Returns a reference to this
object so that method calls can be chained together.",
```

```

 "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
 "getterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@return Specifies the
NodeToNodeEncryptionOptions.",
 "getterModel" : {
 "returnType" : "NodeToNodeEncryptionOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NodeToNodeEncryptionOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "NodeToNodeEncryptionOptions",
 "setterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.",
 "setterMethodName" : "setNodeToNodeEncryptionOptions",
 "setterModel" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : null,
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "nodeToNodeEncryptionOptions",

```

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 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
 },
 "xmlNamespaceUri" : null
},
"SnapshotOptions" : {
 "beanStyleGetterMethodName" : "getSnapshotOptions",
 "beanStyleSetterMethodName" : "setSnapshotOptions",
 "c2jName" : "SnapshotOptions",
 "c2jShape" : "SnapshotOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily
automated snapshot. Default value is 0 hours. </p>\nThis is a convenience that creates an instance of the { @link
SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
 "deprecated" : false,
 "documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0
hours. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "snapshotOptions",
 "fluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot.
Default value is 0 hours. </p>\n@param snapshotOptions Option to set time, in UTC format, of the daily automated
snapshot. Default value is 0 hours. \n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "snapshotOptions",
 "getterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default
value is 0 hours. </p>\n@return Option to set time, in UTC format, of the daily automated snapshot. Default value is
0 hours.",
 "getterModel" : {
 "returnType" : "SnapshotOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

```

```

 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SnapshotOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SnapshotOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "SnapshotOptions",
 "setterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default
value is 0 hours. </p>\n@param snapshotOptions Option to set time, in UTC format, of the daily automated
snapshot. Default value is 0 hours.",
 "setterMethodName" : "setSnapshotOptions",
 "setterModel" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : null,
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0
hours. </p>",
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
 },
 "xmlNamespaceUri" : null
},
"VPCOptions" : {
 "beanStyleGetterMethodName" : "getVpcOptions",
 "beanStyleSetterMethodName" : "setVpcOptions",
 "c2jName" : "VPCOptions",
 "c2jShape" : "VPCOptions",

```

"defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\nThis is a convenience that creates an instance of the { @link VPCOptions.Builder} avoiding the need to create one manually via { @link VPCOptions.Builder}. \n\nWhen the { @link Consumer} completes, { @link VPCOptions.Builder#build()} is called immediately and its result is passed to { @link #vpcOptions(VPCOptions)}. \n@param vpcOptions a consumer that will call methods on { @link VPCOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #vpcOptions(VPCOptions)",

"deprecated" : false,

"documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "vpcOptions",

"fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "vpcOptions",

"getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@return Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>",

"getterModel" : {  
  "returnType" : "VPCOptions",  
  "documentation" : null

},

"http" : {  
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,



```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "VPCOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "VPCOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",
"setterMethodName" : "setVpcOptions",
"setterModel" : {
 "variableDeclarationType" : "VPCOptions",
 "variableName" : "vpcOptions",
 "variableType" : "VPCOptions",
 "documentation" : null,
 "simpleType" : "VPCOptions",
 "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "VPCOptions",
 "variableName" : "vpcOptions",
 "variableType" : "VPCOptions",
 "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",
 "simpleType" : "VPCOptions",
 "variableSetterType" : "VPCOptions"
},
"xmlNamespaceUri" : null
}

```

```

 },
 "nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are
creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names
must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and -
(hyphen).</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique
across the domains owned by an account within an AWS region. Domain names must start with a letter or number
and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names
are unique across the domains owned by an account within an AWS region. Domain names must start with a letter
or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param
domainName The name of the Elasticsearch domain that you are creating. Domain names are unique across the
domains owned by an account within an AWS region. Domain names must start with a letter or number and can
contain the following characters: a-z (lowercase), 0-9, and - (hyphen).\n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are
unique across the domains owned by an account within an AWS region. Domain names must start with a letter or
number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@return The name of
the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account
within an AWS region. Domain names must start with a letter or number and can contain the following characters:
a-z (lowercase), 0-9, and - (hyphen).",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 }
}

```

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 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are
unique across the domains owned by an account within an AWS region. Domain names must start with a letter or
number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName
The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by
an account within an AWS region. Domain names must start with a letter or number and can contain the following
characters: a-z (lowercase), 0-9, and - (hyphen).",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique
across the domains owned by an account within an AWS region. Domain names must start with a letter or number
and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {

```

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"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the
Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomains\" target=\"_blank\">Creating Elasticsearch Domains in the <i>Amazon Elasticsearch Service
Developer Guide</i></p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#elasticsearchVersion(String)",
"deprecated" : false,
"documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains in the <i>Amazon Elasticsearch Service Developer Guide</i></p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg.
\"1.5\" or \"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains in the <i>Amazon Elasticsearch Service Developer Guide</i></p>\n@param
elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating Elasticsearch Domains in the
<i>Amazon Elasticsearch Service Developer Guide</i>. \n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
\"2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"_blank\">Creating
Elasticsearch Domains in the <i>Amazon Elasticsearch Service Developer Guide</i></p>\n@return String of
format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomains\" target=\"_blank\">Creating Elasticsearch Domains in the <i>Amazon Elasticsearch Service
Developer Guide</i>.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see Creating Elasticsearch Domains in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see Creating Elasticsearch Domains in the <i>Amazon Elasticsearch Service Developer Guide</i>.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or

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\2.3\". For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target=\"\_blank\">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>

```
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
"beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
"c2jName" : "ElasticsearchClusterConfig",
"c2jShape" : "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",
"deprecated" : false,
"documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>\n@param elasticsearchClusterConfig Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>\n@return Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.",
"getterModel" : {
"returnType" : "ElasticsearchClusterConfig",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
```

```

 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchClusterConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchClusterConfig",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "ElasticsearchClusterConfig",
 "setterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. </p>\n@param elasticsearchClusterConfig Configuration options for an
Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.",
 "setterMethodName" : "setElasticsearchClusterConfig",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. </p>",
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEbsOptions",
 "beanStyleSetterMethodName" : "setEbsOptions",
 "c2jName" : "EBSOptions",
 "c2jShape" : "EBSOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of

```

EBS storage volumes. </p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the need to create one manually via { @link EBSOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link #ebsOptions(EBSOptions)}. \n@param ebsOptions a consumer that will call methods on { @link EBSOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #ebsOptions(EBSOptions)",

```
"deprecated" : false,
"documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage
volumes. </p>\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage
volumes. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "ebsOptions",
"getterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>\n@return Options to enable, disable and specify the type and size of EBS storage volumes.",
"getterModel" : {
 "returnType" : "EBSOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EBSOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EBSOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
```



```

"name" : "EBSOptions",
"setterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : null,
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>",
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
},
"xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAccessPolicies",
 "beanStyleSetterMethodName" : "setAccessPolicies",
 "c2jName" : "AccessPolicies",
 "c2jShape" : "PolicyDocument",
 "defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted
string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param
accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #accessPolicies(String)",
 "deprecated" : false,
 "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "accessPolicies",
 "fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "accessPolicies",
 "getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy

```

as a JSON-formatted string.",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AccessPolicies",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AccessPolicies",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
```

IAM access policy as a JSON-formatted string.",

```
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
```

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 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSnapshotOptions",
 "beanStyleSetterMethodName" : "setSnapshotOptions",
 "c2jName" : "SnapshotOptions",
 "c2jShape" : "SnapshotOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>\nThis is a convenience that creates an instance of the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link #snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #snapshotOptions(SnapshotOptions)",
 "deprecated" : false,
 "documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "snapshotOptions",
 "fluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>\n@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "snapshotOptions",
 "getterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>\n@return Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.",
 "getterModel" : {
 "returnType" : "SnapshotOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",

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"marshallLocationName" : "SnapshotOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SnapshotOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value
is 0 hours. </p>\n@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot.
Default value is 0 hours.",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
"variableDeclarationType" : "SnapshotOptions",
"variableName" : "snapshotOptions",
"variableType" : "SnapshotOptions",
"documentation" : null,
"simpleType" : "SnapshotOptions",
"variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "SnapshotOptions",
"variableName" : "snapshotOptions",
"variableType" : "SnapshotOptions",
"documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0
hours. </p>",
"simpleType" : "SnapshotOptions",
"variableSetterType" : "SnapshotOptions"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getVpcOptions",
"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for
VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC
Endpoints for Amazon Elasticsearch Service Domains</i></p>\nThis is a convenience that creates an instance of

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the {@link VPCOptions.Builder} avoiding the need to create one manually via {@link VPCOptions#builder()}.  
When the {@link Consumer} completes, {@link VPCOptions.Builder#build()} is called immediately and its result is passed to {@link #vpcOptions(VPCOptions)}.  
@param vpcOptions a consumer that will call methods on {@link VPCOptions.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #vpcOptions(VPCOptions)",

"deprecated" : false,

"documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "vpcOptions",

"fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>  
@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>  
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "vpcOptions",

"getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>  
@return Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>",

"getterModel" : {  
  "returnType" : "VPCOptions",  
  "documentation" : null

},

"http" : {  
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "VPCOptions",  
  "queryString" : false,

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 "statusCode" : false,
 "unmarshallLocationName" : "VPCOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "VPCOptions",
 "setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",
 "setterMethodName" : "setVpcOptions",
 "setterModel" : {
 "variableDeclarationType" : "VPCOptions",
 "variableName" : "vpcOptions",
 "variableType" : "VPCOptions",
 "documentation" : null,
 "simpleType" : "VPCOptions",
 "variableSetterType" : "VPCOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "VPCOptions",
 "variableName" : "vpcOptions",
 "variableType" : "VPCOptions",
 "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",
 "simpleType" : "VPCOptions",
 "variableSetterType" : "VPCOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getCognitoOptions",
 "beanStyleSetterMethodName" : "setCognitoOptions",
 "c2jName" : "CognitoOptions",
 "c2jShape" : "CognitoOptions",

```

"defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"\_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link #cognitoOptions(CognitoOptions)}. \n@param cognitoOptions a consumer that will call methods on { @link CognitoOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #cognitoOptions(CognitoOptions)",

"deprecated" : false,

"documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"\_blank\">Amazon Cognito Authentication for Kibana</a>.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "cognitoOptions",

"fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"\_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"\_blank\">Amazon Cognito Authentication for Kibana</a>.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "cognitoOptions",

"getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"\_blank\">Amazon Cognito Authentication for Kibana</a>.</p>\n@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\" target=\"\_blank\">Amazon Cognito Authentication for Kibana</a>.",

"getterModel" : {

"returnType" : "CognitoOptions",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "CognitoOptions",

```

 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CognitoOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "CognitoOptions",
 "setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.",
 "setterMethodName" : "setCognitoOptions",
 "setterModel" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : null,
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>",
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
 "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
 "c2jName" : "EncryptionAtRestOptions",
 "c2jShape" : "EncryptionAtRestOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\nThis is a

```



convenience that creates an instance of the { @link EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link EncryptionAtRestOptions#builder()}.  
 When the { @link Consumer} completes, { @link EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link #encryptionAtRestOptions(EncryptionAtRestOptions)}.  
 @param encryptionAtRestOptions a consumer that will call methods on { @link EncryptionAtRestOptions.Builder}  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see #encryptionAtRestOptions(EncryptionAtRestOptions)",

```

 "deprecated" : false,
 "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "encryptionAtRestOptions",
 "fluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@param encryptionAtRestOptions Specifies the Encryption At Rest Options.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "encryptionAtRestOptions",
 "getterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@return Specifies the Encryption At Rest Options.",
 "getterModel" : {
 "returnType" : "EncryptionAtRestOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EncryptionAtRestOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EncryptionAtRestOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",

```

```

"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>\n@param
encryptionAtRestOptions Specifies the Encryption At Rest Options.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
 "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
 "c2jName" : "NodeToNodeEncryptionOptions",
 "c2jShape" : "NodeToNodeEncryptionOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\nThis
is a convenience that creates an instance of the { @link NodeToNodeEncryptionOptions.Builder} avoiding the need
to create one manually via { @link NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer}
completes, { @link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to
{ @link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. \n@param
nodeToNodeEncryptionOptions a consumer that will call methods on { @link
NodeToNodeEncryptionOptions.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
 "fluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions. \n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",

```

```

"getterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@return Specifies the
NodeToNodeEncryptionOptions.",
"getterModel" : {
 "returnType" : "NodeToNodeEncryptionOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NodeToNodeEncryptionOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.",
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : null,
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptions",

```

```

"documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
"simpleType" : "NodeToNodeEncryptionOptions",
"variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getAdvancedOptions",
"beanStyleSetterMethodName" : "setAdvancedOptions",
"c2jName" : "AdvancedOptions",
"c2jShape" : "AdvancedOptions",
"defaultConsumerFluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options for more information.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link
Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #advancedOptions(Map<String,String>)",
"deprecated" : false,
"documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options for more information.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options for more information.</p>\n@param advancedOptions Option to allow references to indices
in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By
default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options for more information. \n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "advancedOptions",
"getterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration

```

Advanced Options

for more information.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

return Option to allow references to indices in an HTTP request body. Must be `false` when configuring access to individual sub-resources. By default, the value is `true`. See <http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options> for more information.

```
"getterModel" : {
 "returnType" : "java.util.Map<String,String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AdvancedOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AdvancedOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #key(String)}. \n@param key a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #key(String)",
 "deprecated" : false,
```

```

"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",

```

```

 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the Value property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {

```

```

 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",

```



```

 "templateType" : "java.util.Map<String,String>"
 },
 "marshallingType" : "MAP",
 "name" : "AdvancedOptions",
 "setterDocumentation" : "<p>Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options for more information.</p>\n@param advancedOptions Option to allow references to indices
in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By
default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options for more information.",
 "setterMethodName" : "setAdvancedOptions",
 "setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p>Option to allow references to indices in an HTTP request body. Must be
<code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options for more information.</p>",
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
 "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
 "c2jName" : "LogPublishingOptions",
 "c2jShape" : "LogPublishingOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder}
avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately
and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.\n@param

```

logPublishingOptions a consumer that will call methods on { @link Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",

```

 "deprecated" : false,
 "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "logPublishingOptions",
 "fluentEnumSetterMethodName" : "logPublishingOptions",
 "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
 "fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>,
each containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "logPublishingOptionsWithStrings",
 "getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LogPublishingOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LogPublishingOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : true,

```

```

"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKeyAsString",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "LogType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : "LogType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "key",
 "fluentEnumSetterMethodName" : "key",
 "fluentGetterMethodName" : "keyAsString",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 }
}

```

```

 "unmarshallLocationName" : "key",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "LogPublishingOption",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create
one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer} completes, { @link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(LogPublishingOption)",

```

```

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
"getterModel" : {
 "returnType" : "LogPublishingOption",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
 "variableDeclarationType" : "LogPublishingOption",

```

```

 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : null,
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : "",
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null,
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>",
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null

```

```

 }],
 "requestSignerAware" : false,
 "requestSignerClassFqcn" : null,
 "required" : ["DomainName"],
 "shapeName" : "CreateElasticsearchDomainRequest",
 "simpleMethod" : false,
 "unmarshaller" : null,
 "variable" : {
 "variableDeclarationType" : "CreateElasticsearchDomainRequest",
 "variableName" : "createElasticsearchDomainRequest",
 "variableType" : "CreateElasticsearchDomainRequest",
 "documentation" : null,
 "simpleType" : "CreateElasticsearchDomainRequest",
 "variableSetterType" : "CreateElasticsearchDomainRequest"
 },
 "wrapper" : false
},
"CreateElasticsearchDomainResponse" : {
 "c2jName" : "CreateElasticsearchDomainResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The result of a <code>CreateElasticsearchDomain</code> operation. Contains the status
of the newly created Elasticsearch domain.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getDomainStatus",
 "beanStyleSetterMethodName" : "setDomainStatus",
 "c2jName" : "DomainStatus",
 "c2jShape" : "ElasticsearchDomainStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain.
</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder} avoiding the
need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link Consumer}

```

completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to { @link #domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call methods on { @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainStatus(ElasticsearchDomainStatus)",

```

 "deprecated" : false,
 "documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainStatus",
 "fluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@param
domainStatus The status of the newly created Elasticsearch domain. \n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "domainStatus",
 "getterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@return The status
of the newly created Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "ElasticsearchDomainStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainStatus",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "DomainStatus",
 "setterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@param

```



```

domainStatus The status of the newly created Elasticsearch domain.",
 "setterMethodName" : "setDomainStatus",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainStatus" : {
 "beanStyleGetterMethodName" : "getDomainStatus",
 "beanStyleSetterMethodName" : "setDomainStatus",
 "c2jName" : "DomainStatus",
 "c2jShape" : "ElasticsearchDomainStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain.
</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder} avoiding the
need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to
{ @link #domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call methods on
{ @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #domainStatus(ElasticsearchDomainStatus)",
 "deprecated" : false,
 "documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainStatus",
 "fluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@param
domainStatus The status of the newly created Elasticsearch domain. \n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "domainStatus",
 "getterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@return The status

```

of the newly created Elasticsearch domain.",

```
"getterModel" : {
 "returnType" : "ElasticsearchDomainStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainStatus",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@param
domainStatus The status of the newly created Elasticsearch domain.",
"setterMethodName" : "setDomainStatus",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
```

```

 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainStatus",
 "beanStyleSetterMethodName" : "setDomainStatus",
 "c2jName" : "DomainStatus",
 "c2jShape" : "ElasticsearchDomainStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain.
</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder} avoiding the
need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to
{ @link #domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call methods on
{ @link ElasticsearchDomainStatus.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #domainStatus(ElasticsearchDomainStatus)",
 "deprecated" : false,
 "documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainStatus",
 "fluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@param
domainStatus The status of the newly created Elasticsearch domain.\n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "domainStatus",
 "getterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@return The status
of the newly created Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "ElasticsearchDomainStatus",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainStatus",
 "queryString" : false,

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 "statusCode" : false,
 "unmarshallLocationName" : "DomainStatus",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "DomainStatus",
 "setterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>\n@param
domainStatus The status of the newly created Elasticsearch domain.",
 "setterMethodName" : "setDomainStatus",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "CreateElasticsearchDomainResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "CreateElasticsearchDomainResponse",
 "variableName" : "createElasticsearchDomainResponse",

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"variableType" : "CreateElasticsearchDomainResponse",
"documentation" : null,
"simpleType" : "CreateElasticsearchDomainResponse",
"variableSetterType" : "CreateElasticsearchDomainResponse"
},
"wrapper" : false
},
"DeleteElasticsearchDomainRequest" : {
"c2jName" : "DeleteElasticsearchDomainRequest",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Container for the parameters to the <code><a>DeleteElasticsearchDomain</code>
operation. Specifies the name of the Elasticsearch domain that you want to delete.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
"action" : "DeleteElasticsearchDomain",
"locationName" : null,
"requestUri" : "/2015-01-01/es/domain/{DomainName}",
"target" : null,
"verb" : "DELETE",
"xmlNamespaceUri" : null
},
"members" : [{
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to
permanently delete.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@ param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",

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"deprecated" : false,
"documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently
delete.</p>\n@param domainName The name of the Elasticsearch domain that you want to permanently
delete.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently
delete.</p>\n@return The name of the Elasticsearch domain that you want to permanently delete.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently
delete.</p>\n@param domainName The name of the Elasticsearch domain that you want to permanently delete.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",

```

```

 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>\n@param domainName The name of the Elasticsearch domain that you want to permanently delete.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>\n@return The name of the Elasticsearch domain that you want to permanently delete.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
 },

```

```

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently
delete.</p>\n@param domainName The name of the Elasticsearch domain that you want to permanently delete.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}

```



```

},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to
permanently delete.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently
delete.</p>\n@param domainName The name of the Elasticsearch domain that you want to permanently
delete.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently
delete.</p>\n@return The name of the Elasticsearch domain that you want to permanently delete.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,

```

```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently
delete.</p>\n@param domainName The name of the Elasticsearch domain that you want to permanently delete.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["DomainName"],
"shapeName" : "DeleteElasticsearchDomainRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "DeleteElasticsearchDomainRequest",
 "variableName" : "deleteElasticsearchDomainRequest",
 "variableType" : "DeleteElasticsearchDomainRequest",
 "documentation" : null,
 "simpleType" : "DeleteElasticsearchDomainRequest",
 "variableSetterType" : "DeleteElasticsearchDomainRequest"
},
"wrapper" : false
},
"DeleteElasticsearchDomainResponse" : {
 "c2jName" : "DeleteElasticsearchDomainResponse",

```

```

"customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>The result of a <code>DeleteElasticsearchDomain</code> request. Contains the status of
the pending deletion, or no status if the domain and all of its resources have been deleted.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getDomainStatus",
 "beanStyleSetterMethodName" : "setDomainStatus",
 "c2jName" : "DomainStatus",
 "c2jShape" : "ElasticsearchDomainStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being
deleted.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is
passed to { @link #domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call
methods on { @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #domainStatus(ElasticsearchDomainStatus)",
 "deprecated" : false,
 "documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainStatus",
 "fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@param
domainStatus The status of the Elasticsearch domain being deleted. \n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "domainStatus",
 "getterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@return The status of
the Elasticsearch domain being deleted.",
 "getterModel" : {

```

```

 "returnType" : "ElasticsearchDomainStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainStatus",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "DomainStatus",
 "setterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@param domainStatus
The status of the Elasticsearch domain being deleted.",
 "setterMethodName" : "setDomainStatus",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 }

```

```

 },
 "xmlNamespaceUri" : null
 }],
 "membersAsMap" : {
 "DomainStatus" : {
 "beanStyleGetterMethodName" : "getDomainStatus",
 "beanStyleSetterMethodName" : "setDomainStatus",
 "c2jName" : "DomainStatus",
 "c2jShape" : "ElasticsearchDomainStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being
deleted.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is
passed to { @link #domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call
methods on { @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #domainStatus(ElasticsearchDomainStatus)",
 "deprecated" : false,
 "documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainStatus",
 "fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@param
domainStatus The status of the Elasticsearch domain being deleted. \n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "domainStatus",
 "getterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@return The status
of the Elasticsearch domain being deleted.",
 "getterModel" : {
 "returnType" : "ElasticsearchDomainStatus",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainStatus",
 }
 }
}

```

```

 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "DomainStatus",
 "setterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@param
domainStatus The status of the Elasticsearch domain being deleted.",
 "setterMethodName" : "setDomainStatus",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainStatus",
 "beanStyleSetterMethodName" : "setDomainStatus",
 "c2jName" : "DomainStatus",
 "c2jShape" : "ElasticsearchDomainStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being
deleted.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is
passed to { @link #domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call
methods on { @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #domainStatus(ElasticsearchDomainStatus)",
 "deprecated" : false,

```

```

"documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatus",
"fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@param
domainStatus The status of the Elasticsearch domain being deleted.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "domainStatus",
"getterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@return The status of
the Elasticsearch domain being deleted.",
"getterModel" : {
 "returnType" : "ElasticsearchDomainStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainStatus",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>\n@param domainStatus
The status of the Elasticsearch domain being deleted.",
"setterMethodName" : "setDomainStatus",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",

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```

 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DeleteElasticsearchDomainResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "DeleteElasticsearchDomainResponse",
 "variableName" : "deleteElasticsearchDomainResponse",
 "variableType" : "DeleteElasticsearchDomainResponse",
 "documentation" : null,
 "simpleType" : "DeleteElasticsearchDomainResponse",
 "variableSetterType" : "DeleteElasticsearchDomainResponse"
},
"wrapper" : false
},
"DeleteElasticsearchServiceRoleRequest" : {
 "c2jName" : "DeleteElasticsearchServiceRoleRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : null,
 "enums" : null,

```



```

"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
 "action" : "DeleteElasticsearchServiceRole",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/role",
 "target" : null,
 "verb" : "DELETE",
 "xmlNameSpaceUri" : null
},
"members" : [],
"membersAsMap" : { },
"nonStreamingMembers" : [],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DeleteElasticsearchServiceRoleRequest",
"simpleMethod" : true,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "DeleteElasticsearchServiceRoleRequest",
 "variableName" : "deleteElasticsearchServiceRoleRequest",
 "variableType" : "DeleteElasticsearchServiceRoleRequest",
 "documentation" : null,
 "simpleType" : "DeleteElasticsearchServiceRoleRequest",
 "variableSetterType" : "DeleteElasticsearchServiceRoleRequest"
},
"wrapper" : false
},
"DeleteElasticsearchServiceRoleResponse" : {
 "c2jName" : "DeleteElasticsearchServiceRoleResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : null,
 "enums" : null,

```

```

"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [],
"membersAsMap" : { },
"nonStreamingMembers" : [],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DeleteElasticsearchServiceRoleResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "DeleteElasticsearchServiceRoleResponse",
 "variableName" : "deleteElasticsearchServiceRoleResponse",
 "variableType" : "DeleteElasticsearchServiceRoleResponse",
 "documentation" : null,
 "simpleType" : "DeleteElasticsearchServiceRoleResponse",
 "variableSetterType" : "DeleteElasticsearchServiceRoleResponse"
},
"wrapper" : false
},
"DeploymentStatus" : {
 "c2jName" : "DeploymentStatus",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "",
 "enums" : [{
 "name" : "PENDING_UPDATE",
 "value" : "PENDING_UPDATE"
 }, {
 "name" : "IN_PROGRESS",

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 "value" : "IN_PROGRESS"
 }, {
 "name" : "COMPLETED",
 "value" : "COMPLETED"
 }, {
 "name" : "NOT_ELIGIBLE",
 "value" : "NOT_ELIGIBLE"
 }, {
 "name" : "ELIGIBLE",
 "value" : "ELIGIBLE"
 }],
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [],
 "membersAsMap" : { },
 "nonStreamingMembers" : [],
 "requestSignerAware" : false,
 "requestSignerClassFqcn" : null,
 "required" : null,
 "shapeName" : "DeploymentStatus",
 "simpleMethod" : false,
 "unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
 },
 "variable" : {
 "variableDeclarationType" : "DeploymentStatus",
 "variableName" : "deploymentStatus",
 "variableType" : "DeploymentStatus",
 "documentation" : null,
 "simpleType" : "DeploymentStatus",
 "variableSetterType" : "DeploymentStatus"
 },
 "wrapper" : false
},
"DescribeElasticsearchDomainConfigRequest" : {
 "c2jName" : "DescribeElasticsearchDomainConfigRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,

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 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Container for the parameters to the <code>DescribeElasticsearchDomainConfig</code>
operation. Specifies the domain name for which you want configuration information.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "DescribeElasticsearchDomainConfig",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/domain/{DomainName}/config",
 "target" : null,
 "verb" : "GET",
 "xmlNamespaceUri" : null
 },
 "members" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get
information about.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information
about.</p>\n@param domainName The Elasticsearch domain that you want to get information about. \n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",

```

```

"getterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>\n@return
The Elasticsearch domain that you want to get information about.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>\n@param
domainName The Elasticsearch domain that you want to get information about.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",

```

```

 "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get
information about.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information
about.</p>\n@param domainName The Elasticsearch domain that you want to get information about.\n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>\n@return
The Elasticsearch domain that you want to get information about.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 },

```

```

 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>\n@param
domainName The Elasticsearch domain that you want to get information about.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get
information about.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",

```

```

"deprecated" : false,
"documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information
about.</p>\n@param domainName The Elasticsearch domain that you want to get information about.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>\n@return
The Elasticsearch domain that you want to get information about.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>\n@param
domainName The Elasticsearch domain that you want to get information about.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",

```



```

 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["DomainName"],
"shapeName" : "DescribeElasticsearchDomainConfigRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "DescribeElasticsearchDomainConfigRequest",
 "variableName" : "describeElasticsearchDomainConfigRequest",
 "variableType" : "DescribeElasticsearchDomainConfigRequest",
 "documentation" : null,
 "simpleType" : "DescribeElasticsearchDomainConfigRequest",
 "variableSetterType" : "DescribeElasticsearchDomainConfigRequest"
},
"wrapper" : false
},
"DescribeElasticsearchDomainConfigResponse" : {
 "c2jName" : "DescribeElasticsearchDomainConfigResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The result of a <code>DescribeElasticsearchDomainConfig</code> request. Contains the configuration information of the requested domain.</p>",
 "enums" : null,
 "errorCode" : null,

```

```

"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getDomainConfig",
 "beanStyleSetterMethodName" : "setDomainConfig",
 "c2jName" : "DomainConfig",
 "c2jShape" : "ElasticsearchDomainConfig",
 "defaultConsumerFluentSetterDocumentation" : "<p>The configuration information of the domain requested in
the <code>DescribeElasticsearchDomainConfig</code> request.</p>\nThis is a convenience that creates an
instance of the { @link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchDomainConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to { @link
#domainConfig(ElasticsearchDomainConfig)}. \n@param domainConfig a consumer that will call methods on
{ @link ElasticsearchDomainConfig.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #domainConfig(ElasticsearchDomainConfig)",
 "deprecated" : false,
 "documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainConfig",
 "fluentSetterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@param domainConfig The configuration
information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.\n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainConfig",
 "getterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@return The configuration information of the
domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
 "getterModel" : {
 "returnType" : "ElasticsearchDomainConfig",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

```

```

 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainConfig",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "DomainConfig",
 "setterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@param domainConfig The configuration
information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
 "setterMethodName" : "setDomainConfig",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",
 "variableName" : "domainConfig",
 "variableType" : "ElasticsearchDomainConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainConfig",
 "variableSetterType" : "ElasticsearchDomainConfig"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",
 "variableName" : "domainConfig",
 "variableType" : "ElasticsearchDomainConfig",
 "documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>",
 "simpleType" : "ElasticsearchDomainConfig",
 "variableSetterType" : "ElasticsearchDomainConfig"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainConfig" : {
 "beanStyleGetterMethodName" : "getDomainConfig",

```

```

"beanStyleSetterMethodName" : "setDomainConfig",
"c2jName" : "DomainConfig",
"c2jShape" : "ElasticsearchDomainConfig",
"defaultConsumerFluentSetterDocumentation" : "<p>The configuration information of the domain requested
in the <code>DescribeElasticsearchDomainConfig</code> request.</p>\nThis is a convenience that creates an
instance of the { @link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchDomainConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to { @link
#domainConfig(ElasticsearchDomainConfig)}. \n@param domainConfig a consumer that will call methods on
{ @link ElasticsearchDomainConfig.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #domainConfig(ElasticsearchDomainConfig)",
"deprecated" : false,
"documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainConfig",
"fluentSetterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@param domainConfig The configuration
information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request. \n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainConfig",
"getterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@return The configuration information of the
domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
"getterModel" : {
 "returnType" : "ElasticsearchDomainConfig",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainConfig",
 "uri" : false
},

```

```

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainConfig",
"setterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@param domainConfig The configuration
information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
"setterMethodName" : "setDomainConfig",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",
 "variableName" : "domainConfig",
 "variableType" : "ElasticsearchDomainConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainConfig",
 "variableSetterType" : "ElasticsearchDomainConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",
 "variableName" : "domainConfig",
 "variableType" : "ElasticsearchDomainConfig",
 "documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>",
 "simpleType" : "ElasticsearchDomainConfig",
 "variableSetterType" : "ElasticsearchDomainConfig"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainConfig",
 "beanStyleSetterMethodName" : "setDomainConfig",
 "c2jName" : "DomainConfig",
 "c2jShape" : "ElasticsearchDomainConfig",
 "defaultConsumerFluentSetterDocumentation" : "<p>The configuration information of the domain requested in
the <code>DescribeElasticsearchDomainConfig</code> request.</p>\nThis is a convenience that creates an
instance of the { @link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchDomainConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to { @link
#domainConfig(ElasticsearchDomainConfig)}. \n@param domainConfig a consumer that will call methods on
{ @link ElasticsearchDomainConfig.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #domainConfig(ElasticsearchDomainConfig)",

```

```

 "deprecated" : false,
 "documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainConfig",
 "fluentSetterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@param domainConfig The configuration
information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.\n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainConfig",
 "getterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@return The configuration information of the
domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
 "getterModel" : {
 "returnType" : "ElasticsearchDomainConfig",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainConfig",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "DomainConfig",
 "setterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@param domainConfig The configuration

```

information of the domain requested in the `DescribeElasticsearchDomainConfig` request.",

```
"setterMethodName" : "setDomainConfig",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",
 "variableName" : "domainConfig",
 "variableType" : "ElasticsearchDomainConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainConfig",
 "variableSetterType" : "ElasticsearchDomainConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",
 "variableName" : "domainConfig",
 "variableType" : "ElasticsearchDomainConfig",
 "documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>",
 "simpleType" : "ElasticsearchDomainConfig",
 "variableSetterType" : "ElasticsearchDomainConfig"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["DomainConfig"],
"shapeName" : "DescribeElasticsearchDomainConfigResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "DescribeElasticsearchDomainConfigResponse",
 "variableName" : "describeElasticsearchDomainConfigResponse",
 "variableType" : "DescribeElasticsearchDomainConfigResponse",
 "documentation" : null,
 "simpleType" : "DescribeElasticsearchDomainConfigResponse",
 "variableSetterType" : "DescribeElasticsearchDomainConfigResponse"
},
"wrapper" : false
},
"DescribeElasticsearchDomainRequest" : {
 "c2jName" : "DescribeElasticsearchDomainRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
```

```

 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Container for the parameters to the
<code><a>DescribeElasticsearchDomain</code> operation.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "DescribeElasticsearchDomain",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/domain/{DomainName}",
 "target" : null,
 "verb" : "GET",
 "xmlNamespaceUri" : null
 },
 "members" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@param domainName The name of the Elasticsearch domain for which you want
information.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of the Elasticsearch domain for which you want

```



information.</p>\n@return The name of the Elasticsearch domain for which you want information.",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
```

"setterDocumentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>\n@param domainName The name of the Elasticsearch domain for which you want information.",

```
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you
want information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@param domainName The name of the Elasticsearch domain for which you want
information. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@return The name of the Elasticsearch domain for which you want information.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,

```

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 "unmarshallLocationName" : "DomainName",
 "uri" : true
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@param domainName The name of the Elasticsearch domain for which you want information.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to
create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link #domainName(String) }. \n@param
domainName a consumer that will call methods on { @link String.Builder } \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
 "deprecated" : false,

```

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"documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@param domainName The name of the Elasticsearch domain for which you want
information.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@return The name of the Elasticsearch domain for which you want information.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>\n@param domainName The name of the Elasticsearch domain for which you want information.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",

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 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : ["DomainName"],
"shapeName" : "DescribeElasticsearchDomainRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "DescribeElasticsearchDomainRequest",
 "variableName" : "describeElasticsearchDomainRequest",
 "variableType" : "DescribeElasticsearchDomainRequest",
 "documentation" : null,
 "simpleType" : "DescribeElasticsearchDomainRequest",
 "variableSetterType" : "DescribeElasticsearchDomainRequest"
},
"wrapper" : false
},
"DescribeElasticsearchDomainResponse" : {
 "c2jName" : "DescribeElasticsearchDomainResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The result of a <code>DescribeElasticsearchDomain</code> request. Contains the status of the domain specified in the request.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,

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"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getDomainStatus",
 "beanStyleSetterMethodName" : "setDomainStatus",
 "c2jName" : "DomainStatus",
 "c2jShape" : "ElasticsearchDomainStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\nThis
is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder} avoiding the need to
create one manually via { @link ElasticsearchDomainStatus.Builder}. \n\nWhen the { @link Consumer} completes,
{ @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to { @link
#domainStatus(ElasticsearchDomainStatus)}. \n@param domainStatus a consumer that will call methods on { @link
ElasticsearchDomainStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #domainStatus(ElasticsearchDomainStatus)",
 "deprecated" : false,
 "documentation" : "<p>The current status of the Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainStatus",
 "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@param domainStatus
The current status of the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "domainStatus",
 "getterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@return The current status
of the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "ElasticsearchDomainStatus",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",

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 "marshallLocationName" : "DomainStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainStatus",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "DomainStatus",
 "setterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@param domainStatus The
current status of the Elasticsearch domain.",
 "setterMethodName" : "setDomainStatus",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : "<p>The current status of the Elasticsearch domain.</p>",
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainStatus" : {
 "beanStyleGetterMethodName" : "getDomainStatus",
 "beanStyleSetterMethodName" : "setDomainStatus",
 "c2jName" : "DomainStatus",
 "c2jShape" : "ElasticsearchDomainStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch
domain.</p>\nThis is a convenience that creates an instance of the {@link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via {@link ElasticsearchDomainStatus#builder()}.
\n\nWhen the {@link Consumer} completes, {@link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is

```

passed to { @link #domainStatus(ElasticsearchDomainStatus)}.  
 @param domainStatus a consumer that will call methods on { @link ElasticsearchDomainStatus.Builder}  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see #domainStatus(ElasticsearchDomainStatus)",

```

 "deprecated" : false,
 "documentation" : "<p>The current status of the Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainStatus",
 "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@param
domainStatus The current status of the Elasticsearch domain.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "domainStatus",
 "getterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@return The current status
of the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "ElasticsearchDomainStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainStatus",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "DomainStatus",
 "setterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@param domainStatus The
current status of the Elasticsearch domain.",

```



```

"setterMethodName" : "setDomainStatus",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : "<p>The current status of the Elasticsearch domain.</p>",
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainStatus",
 "beanStyleSetterMethodName" : "setDomainStatus",
 "c2jName" : "DomainStatus",
 "c2jShape" : "ElasticsearchDomainStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder} avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to { @link #domainStatus(ElasticsearchDomainStatus)}. \n\n@param domainStatus a consumer that will call methods on { @link ElasticsearchDomainStatus.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #domainStatus(ElasticsearchDomainStatus)",
 "deprecated" : false,
 "documentation" : "<p>The current status of the Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainStatus",
 "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n\n@param domainStatus The current status of the Elasticsearch domain. \n\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainStatus",
 "getterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n\n@return The current status of the Elasticsearch domain.",

```

```

"getterModel" : {
 "returnType" : "ElasticsearchDomainStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainStatus",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@param domainStatus The
current status of the Elasticsearch domain.",
"setterMethodName" : "setDomainStatus",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "domainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : "<p>The current status of the Elasticsearch domain.</p>",
 "simpleType" : "ElasticsearchDomainStatus",

```

```

 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["DomainStatus"],
"shapeName" : "DescribeElasticsearchDomainResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "DescribeElasticsearchDomainResponse",
 "variableName" : "describeElasticsearchDomainResponse",
 "variableType" : "DescribeElasticsearchDomainResponse",
 "documentation" : null,
 "simpleType" : "DescribeElasticsearchDomainResponse",
 "variableSetterType" : "DescribeElasticsearchDomainResponse"
},
"wrapper" : false
},
"DescribeElasticsearchDomainsRequest" : {
 "c2jName" : "DescribeElasticsearchDomainsRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Container for the parameters to the
<code><a>DescribeElasticsearchDomains</code> operation. By default, the API returns the status of all
Elasticsearch domains.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "DescribeElasticsearchDomains",

```

```

"locationName" : null,
"requestUri" : "/2015-01-01/es/domain-info",
"target" : null,
"verb" : "POST",
"xmlNamespaceUri" : null
},
"members" : [{
 "beanStyleGetterMethodName" : "getDomainNames",
 "beanStyleSetterMethodName" : "setDomainNames",
 "c2jName" : "DomainNames",
 "c2jShape" : "DomainNameList",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want
information.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the
need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link List<String>.Builder#build()} is called immediately and its result is passed to { @link
#domainNames(List<String>)}.\n@param domainNames a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #domainNames(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainNames",
 "fluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n@param
domainNames The Elasticsearch domains for which you want information.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainNames",
 "getterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n<p>\nAttempts
to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
The Elasticsearch domains for which you want information.",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainNames",

```

```

"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainNames",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

```

```

 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",

```

```

 "templateImplType" : "java.util.ArrayList<String>",
 "templateType" : "java.util.List<String>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "DomainNames",
 "setterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n@param
domainNames The Elasticsearch domains for which you want information.",
 "setterMethodName" : "setDomainNames",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "domainNames",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "domainNames",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNameSpaceUri" : null
}],
"membersAsMap" : {
 "DomainNames" : {
 "beanStyleGetterMethodName" : "getDomainNames",
 "beanStyleSetterMethodName" : "setDomainNames",
 "c2jName" : "DomainNames",
 "c2jShape" : "DomainNameList",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want
information.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the
need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link List<String>.Builder#build()} is called immediately and its result is passed to { @link
#domainNames(List<String>)}. \n@param domainNames a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #domainNames(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

```

```

"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainNames",
"fluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want
information.</p>\n@param domainNames The Elasticsearch domains for which you want information.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainNames",
"getterDocumentation" : "<p>The Elasticsearch domains for which you want
information.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The Elasticsearch domains for which you want information.",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainNames",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainNames",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",

```



```

 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",

```

```

 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"setterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n@param
domainNames The Elasticsearch domains for which you want information.",
"setterMethodName" : "setDomainNames",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "domainNames",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "domainNames",

```

```

 "variableType" : "java.util.List<String>",
 "documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainNames",
 "beanStyleSetterMethodName" : "setDomainNames",
 "c2jName" : "DomainNames",
 "c2jShape" : "DomainNameList",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want
information.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the
need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link List<String>.Builder#build()} is called immediately and its result is passed to { @link
#domainNames(List<String>)}. \n@param domainNames a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #domainNames(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainNames",
 "fluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n@param
domainNames The Elasticsearch domains for which you want information.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainNames",
 "getterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n<p>\nAttempts
to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
The Elasticsearch domains for which you want information.",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
}
,
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,

```

```

"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainNames",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainNames",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

```

```

 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,

```

```

 "simple" : true,
 "simpleType" : "String",
 "templateImplType" : "java.util.ArrayList<String>",
 "templateType" : "java.util.List<String>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "DomainNames",
 "setterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>\n@param
domainNames The Elasticsearch domains for which you want information.",
 "setterMethodName" : "setDomainNames",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "domainNames",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "domainNames",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["DomainNames"],
"shapeName" : "DescribeElasticsearchDomainsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "DescribeElasticsearchDomainsRequest",
 "variableName" : "describeElasticsearchDomainsRequest",
 "variableType" : "DescribeElasticsearchDomainsRequest",
 "documentation" : null,
 "simpleType" : "DescribeElasticsearchDomainsRequest",
 "variableSetterType" : "DescribeElasticsearchDomainsRequest"
},
"wrapper" : false
},

```

```

"DescribeElasticsearchDomainsResponse" : {
 "c2jName" : "DescribeElasticsearchDomainsResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The result of a <code>DescribeElasticsearchDomains</code> request. Contains the
status of the specified domains or all domains owned by the account.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getDomainStatusList",
 "beanStyleSetterMethodName" : "setDomainStatusList",
 "c2jName" : "DomainStatusList",
 "c2jShape" : "ElasticsearchDomainStatusList",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\nThis is a convenience that creates an instance of the
{ @link List<ElasticsearchDomainStatus>.Builder} avoiding the need to create one manually via { @link
List<ElasticsearchDomainStatus>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<ElasticsearchDomainStatus>.Builder#build()} is called immediately and its result is passed to { @link
#domainStatusList(List<ElasticsearchDomainStatus>)}. \n@param domainStatusList a consumer that will call
methods on { @link List<ElasticsearchDomainStatus>.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #domainStatusList(List<ElasticsearchDomainStatus>)",
 "deprecated" : false,
 "documentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainStatusList",
 "fluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.\n@return Returns a reference to this object

```

so that method calls can be chained together.",

```
"fluentSetterMethodName" : "domainStatusList",
```

```
"getterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n<p>\nAttempts to modify the collection returned by
this method will result in an UnsupportedOperationException.\n</p>\n@return The status of the domains requested
in the <code>DescribeElasticsearchDomains</code> request.",
```

```
"getterModel" : {
```

```
 "returnType" : "java.util.List<ElasticsearchDomainStatus>",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "DomainStatusList",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "DomainStatusList",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : true,
```

```
"listModel" : {
```

```
 "implType" : "java.util.ArrayList",
```

```
 "interfaceType" : "java.util.List",
```

```
 "listMemberModel" : {
```

```
 "beanStyleGetterMethodName" : "getMember",
```

```
 "beanStyleSetterMethodName" : "setMember",
```

```
 "c2jName" : "member",
```

```
 "c2jShape" : "ElasticsearchDomainStatus",
```

```
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is
passed to { @link #member(ElasticsearchDomainStatus)}. \n@param member a consumer that will call methods on
{ @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #member(ElasticsearchDomainStatus)",
```

```
 "deprecated" : false,
```

```
 "documentation" : "",
```

```
 "enumType" : null,
```



```

 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "ElasticsearchDomainStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "member",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,

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 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "member",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : "",
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ElasticsearchDomainStatus",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ElasticsearchDomainStatus",
"templateImplType" : "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType" : "java.util.List<ElasticsearchDomainStatus>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainStatusList",
"setterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.",
"setterMethodName" : "setDomainStatusList",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
 "variableName" : "domainStatusList",
 "variableType" : "java.util.List<ElasticsearchDomainStatus>",
 "documentation" : null,
 "simpleType" : "List<ElasticsearchDomainStatus>",
 "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
 "variableName" : "domainStatusList",
 "variableType" : "java.util.List<ElasticsearchDomainStatus>",
 "documentation" : "<p>The status of the domains requested in the

```

```

<code>DescribeElasticsearchDomains</code> request.</p>",
 "simpleType" : "List<ElasticsearchDomainStatus>",
 "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainStatusList" : {
 "beanStyleGetterMethodName" : "getDomainStatusList",
 "beanStyleSetterMethodName" : "setDomainStatusList",
 "c2jName" : "DomainStatusList",
 "c2jShape" : "ElasticsearchDomainStatusList",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\nThis is a convenience that creates an instance of the
{ @link List<ElasticsearchDomainStatus>.Builder} avoiding the need to create one manually via { @link
List<ElasticsearchDomainStatus>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<ElasticsearchDomainStatus>.Builder#build()} is called immediately and its result is passed to { @link
#domainStatusList(List<ElasticsearchDomainStatus>)}. \n@param domainStatusList a consumer that will call
methods on { @link List<ElasticsearchDomainStatus>.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #domainStatusList(List<ElasticsearchDomainStatus>)",
 "deprecated" : false,
 "documentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainStatusList",
 "fluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.\n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainStatusList",
 "getterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\nAttempts to modify the collection returned by
this method will result in an UnsupportedOperationException.\n@return The status of the domains requested
in the <code>DescribeElasticsearchDomains</code> request.",
 "getterModel" : {
 "returnType" : "java.util.List<ElasticsearchDomainStatus>",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

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"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainStatusList",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainStatusList",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ElasticsearchDomainStatus",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is
passed to { @link #member(ElasticsearchDomainStatus)}. \n@param member a consumer that will call methods on
{ @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #member(ElasticsearchDomainStatus)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "ElasticsearchDomainStatus",
 "documentation" : null
 },
 },
 "http" : {

```

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "member",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "member",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : "",
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,

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"memberType" : "ElasticsearchDomainStatus",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ElasticsearchDomainStatus",
"templateImplType" : "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType" : "java.util.List<ElasticsearchDomainStatus>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainStatusList",
"setterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.",
"setterMethodName" : "setDomainStatusList",
"setterModel" : {
"variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
"variableName" : "domainStatusList",
"variableType" : "java.util.List<ElasticsearchDomainStatus>",
"documentation" : null,
"simpleType" : "List<ElasticsearchDomainStatus>",
"variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
"variableName" : "domainStatusList",
"variableType" : "java.util.List<ElasticsearchDomainStatus>",
"documentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>",
"simpleType" : "List<ElasticsearchDomainStatus>",
"variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
"beanStyleGetterMethodName" : "getDomainStatusList",
"beanStyleSetterMethodName" : "setDomainStatusList",
"c2jName" : "DomainStatusList",
"c2jShape" : "ElasticsearchDomainStatusList",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\nThis is a convenience that creates an instance of the
{ @link List<ElasticsearchDomainStatus>.Builder} avoiding the need to create one manually via { @link
List<ElasticsearchDomainStatus>#builder()}. \n\nWhen the { @link Consumer} completes, { @link

```

List<ElasticsearchDomainStatus>.Builder#build() is called immediately and its result is passed to { @link #domainStatusList(List<ElasticsearchDomainStatus>)}.\n@param domainStatusList a consumer that will call methods on { @link List<ElasticsearchDomainStatus>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainStatusList(List<ElasticsearchDomainStatus>)",

```
"deprecated" : false,
"documentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatusList",
"fluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "domainStatusList",
"getterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n<p>\nAttempts to modify the collection returned by
this method will result in an UnsupportedOperationException.\n</p>\n@return The status of the domains requested
in the <code>DescribeElasticsearchDomains</code> request.",
"getterModel" : {
 "returnType" : "java.util.List<ElasticsearchDomainStatus>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainStatusList",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainStatusList",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
```

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"interfaceType" : "java.util.List",
"listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ElasticsearchDomainStatus",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via { @link ElasticsearchDomainStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is
passed to { @link #member(ElasticsearchDomainStatus)}. \n@param member a consumer that will call methods on
{ @link ElasticsearchDomainStatus.Builder} \n@return Returns a reference to this object so that method calls can
be chained together. \n@see #member(ElasticsearchDomainStatus)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "ElasticsearchDomainStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,

```



```

 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "member",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "member",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : "",
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
 "xmlNamespaceUri" : null
 },
 "memberLocationName" : null,
 "memberType" : "ElasticsearchDomainStatus",
 "map" : false,
 "memberAdditionalMarshallingPath" : null,
 "memberAdditionalUnmarshallingPath" : null,
 "simple" : false,
 "simpleType" : "ElasticsearchDomainStatus",
 "templateImplType" : "java.util.ArrayList<ElasticsearchDomainStatus>",
 "templateType" : "java.util.List<ElasticsearchDomainStatus>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainStatusList",
"setterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.",

```

```

"setterMethodName" : "setDomainStatusList",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
 "variableName" : "domainStatusList",
 "variableType" : "java.util.List<ElasticsearchDomainStatus>",
 "documentation" : null,
 "simpleType" : "List<ElasticsearchDomainStatus>",
 "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
 "variableName" : "domainStatusList",
 "variableType" : "java.util.List<ElasticsearchDomainStatus>",
 "documentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>",
 "simpleType" : "List<ElasticsearchDomainStatus>",
 "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["DomainStatusList"],
"shapeName" : "DescribeElasticsearchDomainsResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "DescribeElasticsearchDomainsResponse",
 "variableName" : "describeElasticsearchDomainsResponse",
 "variableType" : "DescribeElasticsearchDomainsResponse",
 "documentation" : null,
 "simpleType" : "DescribeElasticsearchDomainsResponse",
 "variableSetterType" : "DescribeElasticsearchDomainsResponse"
},
"wrapper" : false
},
"DescribeElasticsearchInstanceTypeLimitsRequest" : {
 "c2jName" : "DescribeElasticsearchInstanceTypeLimitsRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,

```

```

 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Container for the parameters to <code>
<a>DescribeElasticsearchInstanceTypeLimits </code> operation. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "DescribeElasticsearchInstanceTypeLimits",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/instanceTypeLimits/{ElasticsearchVersion}/{InstanceType}",
 "target" : null,
 "verb" : "GET",
 "xmlNamespaceUri" : null
 },
 "members" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we
are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits
</code> for existing domain. </p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#domainName(String)}. \n@param domainName a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#domainName(String)",
 "deprecated" : false,
 "documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain.
</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to
modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for

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existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "domainName",
```

```
"getterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain. </p>\n@return DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain.",
```

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "domainName",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "domainName",
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "DomainName",
```

```
"setterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain.",
```

```
"setterMethodName" : "setDomainName",
```

```
"setterModel" : {
```

```
 "variableDeclarationType" : "String",
```

```
 "variableName" : "domainName",
```

```
 "variableType" : "String",
```

```
 "documentation" : null,
```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain.
</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getInstanceTypeAsString",
 "beanStyleSetterMethodName" : "setInstanceType",
 "c2jName" : "InstanceType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which
Elasticsearch <code> <a>Limits </code> are needed. </p>\nThis is a convenience that creates an instance of the
{ @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#instanceTypeAsString(String)}. \n@param instanceType a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#instanceType(String)",
 "deprecated" : false,
 "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits </code> are needed. </p>",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "instanceType",
 "fluentEnumSetterMethodName" : "instanceType",
 "fluentGetterMethodName" : "instanceTypeAsString",
 "fluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch
<code> <a>Limits </code> are needed. </p>\n@param instanceType The instance type for an Elasticsearch
cluster for which Elasticsearch <code> <a>Limits </code> are needed. \n@see
ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained
together. \n@see ESPartitionInstanceType",
 "fluentSetterMethodName" : "instanceType",
 "getterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits </code> are needed. </p>\n<p>\nIf the service returns an enum value that is not available in the
current SDK version, { @link #instanceType} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #instanceTypeAsString}. \n</p>\n@return The instance type for an Elasticsearch cluster for which

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Elasticsearch `<a>Limits</a>` are needed.\n@see EPartitionInstanceType",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "InstanceType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceType",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "InstanceType",
```

```
"setterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <a>Limits are needed. </p>\n@param instanceType The instance type for an Elasticsearch cluster for which Elasticsearch <a>Limits are needed.\n@see EPartitionInstanceType",
```

```
"setterMethodName" : "setInstanceType",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "instanceType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "instanceType",
 "variableType" : "String",
```

```

 "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits </code> are needed. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchVersion",
 "beanStyleSetterMethodName" : "setElasticsearchVersion",
 "c2jName" : "ElasticsearchVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code>
<a>Limits </code> are needed. </p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String.Builder#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#elasticsearchVersion(String)",
 "deprecated" : false,
 "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are needed. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchVersion",
 "fluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are
needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits </code> are
needed.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchVersion",
 "getterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are needed.
</p>\n@return Version of Elasticsearch for which <code> <a>Limits </code> are needed.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "ElasticsearchVersion",
 "queryString" : false,

```

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 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersion",
 "uri" : true
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ElasticsearchVersion",
 "setterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are needed.
</p>\n@param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits </code> are
needed.",
 "setterMethodName" : "setElasticsearchVersion",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are needed. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that
we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits
</code> for existing domain. </p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link

```



```

#domainName(String)}.
@param domainName a consumer that will call methods on {@link
String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see
#domainName(String)",
 "deprecated" : false,
 "documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain.
</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to
modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for
existing domain. </p>
@param domainName DomainName represents the name of the Domain that we are trying
to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for
existing domain.
@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify.
This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing
domain. </p>
@return DomainName represents the name of the Domain that we are trying to modify. This should
be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "domainName",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "domainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,

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"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify.
This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing
domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying to
modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for
existing domain.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain.
</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ElasticsearchVersion" : {
 "beanStyleGetterMethodName" : "getElasticsearchVersion",
 "beanStyleSetterMethodName" : "setElasticsearchVersion",
 "c2jName" : "ElasticsearchVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code>
<a>Limits </code> are needed. </p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#elasticsearchVersion(String)",
 "deprecated" : false,
 "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are needed. </p>",
 "enumType" : null,
 "eventHeader" : false,

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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are
needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits </code> are
needed.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are needed.
</p>\n@return Version of Elasticsearch for which <code> <a>Limits </code> are needed.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "ElasticsearchVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersion",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are needed.
</p>\n@param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits </code> are
needed.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : null,

```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are needed.
</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"InstanceType" : {
 "beanStyleGetterMethodName" : "getInstanceTypeAsString",
 "beanStyleSetterMethodName" : "setInstanceType",
 "c2jName" : "InstanceType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which
Elasticsearch <code> <a>Limits </code> are needed. </p>\nThis is a convenience that creates an instance of the
{ @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#instanceTypeAsString(String)}. \n@param instanceType a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#instanceType(String)",
 "deprecated" : false,
 "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits </code> are needed. </p>",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "instanceType",
 "fluentEnumSetterMethodName" : "instanceType",
 "fluentGetterMethodName" : "instanceTypeAsString",
 "fluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch
<code> <a>Limits </code> are needed. </p>\n@param instanceType The instance type for an Elasticsearch
cluster for which Elasticsearch <code> <a>Limits </code> are needed. \n@see
ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained
together. \n@see ESPartitionInstanceType",
 "fluentSetterMethodName" : "instanceType",
 "getterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits </code> are needed. </p>\n<p>\nIf the service returns an enum value that is not available in the
current SDK version, { @link #instanceType} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #instanceTypeAsString}. \n</p>\n@return The instance type for an Elasticsearch cluster for which

```

Elasticsearch `<a>Limits</a>` are needed.\n@see EPartitionInstanceType",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "InstanceType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceType",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "InstanceType",
```

"setterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch `<a>Limits</a>` are needed. </p>\n@param instanceType The instance type for an Elasticsearch cluster for which Elasticsearch `<a>Limits</a>` are needed.\n@see EPartitionInstanceType",

```
"setterMethodName" : "setInstanceType",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "instanceType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "instanceType",
 "variableType" : "String",
```

```

 "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits </code> are needed. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we
are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits
</code> for existing domain. </p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#domainName(String)}. \n@param domainName a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#domainName(String)",
 "deprecated" : false,
 "documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain.
</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to
modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for
existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying
to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for
existing domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify.
This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing
domain. </p>\n@return DomainName represents the name of the Domain that we are trying to modify. This should
be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,

```

```

 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "domainName",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "domainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify.
This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing
domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying to
modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for
existing domain.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for Elasticsearch <code> <a>Limits </code> for existing domain.
</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
}

```

```

 "xmlNamespaceUri" : null
 }, {
 "beanStyleGetterMethodName" : "getInstanceTypeAsString",
 "beanStyleSetterMethodName" : "setInstanceType",
 "c2jName" : "InstanceType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which
Elasticsearch <code> <a>Limits </code> are needed. </p>\nThis is a convenience that creates an instance of the
{ @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#instanceTypeAsString(String)}. \n@param instanceType a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#instanceType(String)",
 "deprecated" : false,
 "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits </code> are needed. </p>",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "instanceType",
 "fluentEnumSetterMethodName" : "instanceType",
 "fluentGetterMethodName" : "instanceTypeAsString",
 "fluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch
<code> <a>Limits </code> are needed. </p>\n@param instanceType The instance type for an Elasticsearch
cluster for which Elasticsearch <code> <a>Limits </code> are needed. \n@see
ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained
together. \n@see ESPartitionInstanceType",
 "fluentSetterMethodName" : "instanceType",
 "getterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits </code> are needed. </p>\n<p>\nIf the service returns an enum value that is not available in the
current SDK version, { @link #instanceType} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #instanceTypeAsString}. \n</p>\n@return The instance type for an Elasticsearch cluster for which
Elasticsearch <code> <a>Limits </code> are needed. \n@see ESPartitionInstanceType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 }
}

```



```

 "marshallLocationName" : "InstanceType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceType",
 "uri" : true
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "InstanceType",
 "setterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits </code> are needed. </p>\n@param instanceType The instance type for an Elasticsearch cluster for
which Elasticsearch <code> <a>Limits </code> are needed.\n@see ESPartitionInstanceType",
 "setterMethodName" : "setInstanceType",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "instanceType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "instanceType",
 "variableType" : "String",
 "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
<a>Limits </code> are needed. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchVersion",
 "beanStyleSetterMethodName" : "setElasticsearchVersion",
 "c2jName" : "ElasticsearchVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code>
<a>Limits </code> are needed. </p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String.Builder}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link

```

```

#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#elasticsearchVersion(String)",
 "deprecated" : false,
 "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are needed. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchVersion",
 "fluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are
needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits </code> are
needed. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchVersion",
 "getterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are needed.
</p>\n@return Version of Elasticsearch for which <code> <a>Limits </code> are needed.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "ElasticsearchVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersion",
 "uri" : true
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ElasticsearchVersion",
 "setterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are needed.
</p>\n@param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits </code> are

```

```

needed.",
 "setterMethodName" : "setElasticsearchVersion",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits </code> are needed. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["InstanceType", "ElasticsearchVersion"],
"shapeName" : "DescribeElasticsearchInstanceTypeLimitsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "DescribeElasticsearchInstanceTypeLimitsRequest",
 "variableName" : "describeElasticsearchInstanceTypeLimitsRequest",
 "variableType" : "DescribeElasticsearchInstanceTypeLimitsRequest",
 "documentation" : null,
 "simpleType" : "DescribeElasticsearchInstanceTypeLimitsRequest",
 "variableSetterType" : "DescribeElasticsearchInstanceTypeLimitsRequest"
},
"wrapper" : false
},
"DescribeElasticsearchInstanceTypeLimitsResponse" : {
 "c2jName" : "DescribeElasticsearchInstanceTypeLimitsResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,

```

```

"documentation" : "<p> Container for the parameters received from <code>
<a>DescribeElasticsearchInstanceTypeLimits </code> operation. </p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getLimitsByRole",
 "beanStyleSetterMethodName" : "setLimitsByRole",
 "c2jName" : "LimitsByRole",
 "c2jShape" : "LimitsByRole",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this
object.\n\nThis is a convenience that creates an instance of the { @link Map<String,Limits>.Builder} avoiding the
need to create one manually via { @link Map<String,Limits>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Map<String,Limits>.Builder#build()} is called immediately and its result is passed to { @link
#limitsByRole(Map<String,Limits>)}. \n@param limitsByRole a consumer that will call methods on { @link
Map<String,Limits>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together.\n@see #limitsByRole(Map<String,Limits>)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "limitsByRole",
 "fluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\n@param
limitsByRole The new value for the LimitsByRole property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "limitsByRole",
 "getterDocumentation" : "Returns the value of the LimitsByRole property for this object.\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
The value of the LimitsByRole property for this object.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,Limits>",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```

```

 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LimitsByRole",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LimitsByRole",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : true,
 "mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "InstanceRole",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
 "getterModel" : {

```

```

 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 }

```

```

 },
 "xmlNamespaceUri" : null
 },
 "valueLocationName" : "value",
 "valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "Limits",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link Limits.Builder} avoiding the need to create one manually via
{ @link Limits#builder()}. \n\nWhen the { @link Consumer} completes, { @link Limits.Builder#build()} is called
immediately and its result is passed to { @link #value(Limits)}. \n@param value a consumer that will call methods
on { @link Limits.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #value(Limits)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object. \n\n@param value The
new value for the Value property for this object. \n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object. \n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "Limits",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 }
 }
}

```

```

 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "Limits",
 "variableName" : "value",
 "variableType" : "Limits",
 "documentation" : null,
 "simpleType" : "Limits",
 "variableSetterType" : "Limits"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Limits",
 "variableName" : "value",
 "variableType" : "Limits",
 "documentation" : "",
 "simpleType" : "Limits",
 "variableSetterType" : "Limits"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, Limits>",
"templateType" : "java.util.Map<String,Limits>"
},
"marshallingType" : "MAP",
"name" : "LimitsByRole",
"setterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\n@param limitsByRole
The new value for the LimitsByRole property for this object.",
"setterMethodName" : "setLimitsByRole",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,Limits>",
 "variableName" : "limitsByRole",
 "variableType" : "java.util.Map<String,Limits>",
 "documentation" : null,
 "simpleType" : "Map<String,Limits>",
 "variableSetterType" : "java.util.Map<String,Limits>"
}

```



```

 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.Map<String,Limits>",
 "variableName" : "limitsByRole",
 "variableType" : "java.util.Map<String,Limits>",
 "documentation" : "",
 "simpleType" : "Map<String,Limits>",
 "variableSetterType" : "java.util.Map<String,Limits>"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "LimitsByRole" : {
 "beanStyleGetterMethodName" : "getLimitsByRole",
 "beanStyleSetterMethodName" : "setLimitsByRole",
 "c2jName" : "LimitsByRole",
 "c2jShape" : "LimitsByRole",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this
object.\n\nThis is a convenience that creates an instance of the { @link Map<String,Limits>.Builder} avoiding the
need to create one manually via { @link Map<String,Limits>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Map<String,Limits>.Builder#build()} is called immediately and its result is passed to { @link
#limitsByRole(Map<String,Limits>)}. \n@param limitsByRole a consumer that will call methods on { @link
Map<String,Limits>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #limitsByRole(Map<String,Limits>)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "limitsByRole",
 "fluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\n@param
limitsByRole The new value for the LimitsByRole property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "limitsByRole",
 "getterDocumentation" : "Returns the value of the LimitsByRole property for this object.\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
The value of the LimitsByRole property for this object.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,Limits>",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 }
}

```

```

 "flattened" : false,
 "greedy" : false,
 "header" : false,
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 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
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 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LimitsByRole",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : true,
 "mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "InstanceRole",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n\n@param key a consumer that will call methods on
{ @link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n\n@return The value of the
Key property for this object.",
 }
 }

```

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"getterModel" : {
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 "documentation" : null
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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
},
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"isBinary" : false,
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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
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"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",

```

```

 "variableSetterType" : "String"
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 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "Limits",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link Limits.Builder} avoiding the need to create
one manually via { @link Limits#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Limits.Builder#build()} is called immediately and its result is passed to { @link #value(Limits)}. \n@param value a
consumer that will call methods on { @link Limits.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #value(Limits)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "Limits",
 "documentation" : null
 },
},
"http" : {
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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",

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```

 "uri" : false
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 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
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 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "Limits",
 "variableName" : "value",
 "variableType" : "Limits",
 "documentation" : null,
 "simpleType" : "Limits",
 "variableSetterType" : "Limits"
 },
 "simple" : false,
 "timestampFormat" : null,
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 "variableName" : "value",
 "variableType" : "Limits",
 "documentation" : "",
 "simpleType" : "Limits",
 "variableSetterType" : "Limits"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, Limits>",
"templateType" : "java.util.Map<String,Limits>"
},
"marshallingType" : "MAP",
"name" : "LimitsByRole",
"setterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\n@param
limitsByRole The new value for the LimitsByRole property for this object.",
"setterMethodName" : "setLimitsByRole",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,Limits>",
 "variableName" : "limitsByRole",
 "variableType" : "java.util.Map<String,Limits>",
 "documentation" : null,
 "simpleType" : "Map<String,Limits>",

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```

 "variableSetterType" : "java.util.Map<String,Limits>"
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 "simple" : false,
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 "variableName" : "limitsByRole",
 "variableType" : "java.util.Map<String,Limits>",
 "documentation" : "",
 "simpleType" : "Map<String,Limits>",
 "variableSetterType" : "java.util.Map<String,Limits>"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getLimitsByRole",
 "beanStyleSetterMethodName" : "setLimitsByRole",
 "c2jName" : "LimitsByRole",
 "c2jShape" : "LimitsByRole",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this
object.\n\nThis is a convenience that creates an instance of the { @link Map<String,Limits>.Builder} avoiding the
need to create one manually via { @link Map<String,Limits>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Map<String,Limits>.Builder#build()} is called immediately and its result is passed to { @link
#limitsByRole(Map<String,Limits>)}. \n@param limitsByRole a consumer that will call methods on { @link
Map<String,Limits>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #limitsByRole(Map<String,Limits>)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "limitsByRole",
 "fluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object. \n\n@param
limitsByRole The new value for the LimitsByRole property for this object. \n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "limitsByRole",
 "getterDocumentation" : "Returns the value of the LimitsByRole property for this object. \n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return
The value of the LimitsByRole property for this object.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,Limits>",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,

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"additionalUnmarshallingPath" : null,
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"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
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"marshallLocationName" : "LimitsByRole",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitsByRole",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "InstanceRole",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the

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Key property for this object.",

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"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
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 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
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 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
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"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.",

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"setterMethodName" : "setKey",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
```



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 "simpleType" : "String",
 "variableSetterType" : "String"
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 "xmlNamespaceUri" : null
},
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"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "Limits",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link Limits.Builder} avoiding the need to create one manually via
{ @link Limits#builder()}. \n\nWhen the { @link Consumer} completes, { @link Limits.Builder#build()} is called
immediately and its result is passed to { @link #value(Limits)}. \n@param value a consumer that will call methods
on { @link Limits.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(Limits)",
 "deprecated" : false,
 "documentation" : "",
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 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "Limits",
 "documentation" : null
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 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,

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 "unmarshallLocationName" : "value",
 "uri" : false
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 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "Limits",
 "variableName" : "value",
 "variableType" : "Limits",
 "documentation" : null,
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 "variableSetterType" : "Limits"
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 "variableName" : "value",
 "variableType" : "Limits",
 "documentation" : "",
 "simpleType" : "Limits",
 "variableSetterType" : "Limits"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, Limits>",
"templateType" : "java.util.Map<String,Limits>"
},
"marshallingType" : "MAP",
"name" : "LimitsByRole",
"setterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\n@param limitsByRole
The new value for the LimitsByRole property for this object.",
"setterMethodName" : "setLimitsByRole",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,Limits>",
 "variableName" : "limitsByRole",
 "variableType" : "java.util.Map<String,Limits>",
 "documentation" : null,

```

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 "simpleType" : "Map<String,Limits>",
 "variableSetterType" : "java.util.Map<String,Limits>"
 },
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 "timestampFormat" : null,
 "variable" : {
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 "variableName" : "limitsByRole",
 "variableType" : "java.util.Map<String,Limits>",
 "documentation" : "",
 "simpleType" : "Map<String,Limits>",
 "variableSetterType" : "java.util.Map<String,Limits>"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DescribeElasticsearchInstanceTypeLimitsResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "DescribeElasticsearchInstanceTypeLimitsResponse",
 "variableName" : "describeElasticsearchInstanceTypeLimitsResponse",
 "variableType" : "DescribeElasticsearchInstanceTypeLimitsResponse",
 "documentation" : null,
 "simpleType" : "DescribeElasticsearchInstanceTypeLimitsResponse",
 "variableSetterType" : "DescribeElasticsearchInstanceTypeLimitsResponse"
},
"wrapper" : false
},
"DescribeReservedElasticsearchInstanceOfferingsRequest" : {
 "c2jName" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Container for parameters to
<code>DescribeReservedElasticsearchInstanceOfferings</code></p>",
 "enums" : null,
 "errorCode" : null,

```

```

"event" : false,
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"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
 "action" : "DescribeReservedElasticsearchInstanceOfferings",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/reservedInstanceOfferings",
 "target" : null,
 "verb" : "GET",
 "xmlNamespaceUri" : null
},
"members" : [{
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "c2jName" : "ReservedElasticsearchInstanceOfferingId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceOfferingId(String)",
 "deprecated" : false,
 "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "fluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "getterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@return The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",
 "getterModel" : {

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```

 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "offeringId",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "offeringId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservedElasticsearchInstanceOfferingId",
 "setterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",
 "setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available

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offering that matches the specified reservation identifier.</p>",

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 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If
not specified, defaults to 100.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder}
avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link
#maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#maxResults(Integer)",
 "deprecated" : false,
 "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "maxResults",
 "fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified,
defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified,
defaults to 100. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "maxResults",
 "getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@return Set this value to limit the number of results returned. If not specified, defaults to 100.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "maxResults",
 "queryString" : true,

```

```

 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "MaxResults",
 "setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.",
 "setterMethodName" : "setMaxResults",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see

```

```

#nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination.\n@return Returns a reference to
this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "nextToken",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "nextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NextToken",
 "setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing

```



NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",

```
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "MaxResults" : {
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If
not specified, defaults to 100.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder}
avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link
#maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#maxResults(Integer)",
 "deprecated" : false,
 "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "maxResults",
 "fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified,
defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified,
```

defaults to 100.\n@return Returns a reference to this object so that method calls can be chained together.",

```

 "fluentSetterMethodName" : "maxResults",
 "getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@return Set this value to limit the number of results returned. If not specified, defaults to 100.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "maxResults",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "MaxResults",
 "setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to
100.",
 "setterMethodName" : "setMaxResults",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {

```

```

 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
},
"NextToken" : {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.</p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination. \n@return Returns a reference to
this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

```

```

 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "nextToken",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "nextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NextToken",
 "setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",
 "setterMethodName" : "setNextToken",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",

```

```

 "c2jName" : "ReservedElasticsearchInstanceOfferingId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #reservedElasticsearchInstanceOfferingId(String)}. \n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on {@link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceOfferingId(String)",
 "deprecated" : false,
 "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "fluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "getterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@return The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "offeringId",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "offeringId",
 "uri" : false
 },
}

```

```

 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservedElasticsearchInstanceOfferingId",
 "setterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",
 "setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
 }
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "c2jName" : "ReservedElasticsearchInstanceOfferingId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String) }. \n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see

```

```

#reservedElasticsearchInstanceOfferingId(String)",
 "deprecated" : false,
 "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available
offering that matches the specified reservation identifier.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "fluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the
available offering that matches the specified reservation identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the
available offering that matches the specified reservation identifier.\n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "getterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available
offering that matches the specified reservation identifier.</p>\n@return The offering identifier filter value. Use this
parameter to show only the available offering that matches the specified reservation identifier.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "offeringId",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "offeringId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservedElasticsearchInstanceOfferingId",

```

"setterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",

```
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #maxResults(Integer)",
 "deprecated" : false,
 "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "maxResults",
 "fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified,
```



```

defaults to 100.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "maxResults",
 "getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@return Set this value to limit the number of results returned. If not specified, defaults to 100.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "maxResults",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "MaxResults",
 "setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to
100.",
 "setterMethodName" : "setMaxResults",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {

```

```

 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.</p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination.\n@return Returns a reference to
this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```

```

 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "nextToken",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "nextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NextToken",
 "setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
 "setterMethodName" : "setNextToken",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DescribeReservedElasticsearchInstanceOfferingsRequest",

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"simpleMethod" : true,
"unmarshaller" : null,
"variable" : {
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 "variableName" : "describeReservedElasticsearchInstanceOfferingsRequest",
 "variableType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
 "documentation" : null,
 "simpleType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
 "variableSetterType" : "DescribeReservedElasticsearchInstanceOfferingsRequest"
},
"wrapper" : false
},
"DescribeReservedElasticsearchInstanceOfferingsResponse" : {
 "c2jName" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Container for results from
<code>DescribeReservedElasticsearchInstanceOfferings</code></p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated
results.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",

```

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@return
Provides an identifier to allow retrieval of paginated results.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",

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 "documentation" : null,
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 "variableSetterType" : "String"
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 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferings",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferings",
 "c2jName" : "ReservedElasticsearchInstanceOfferings",
 "c2jShape" : "ReservedElasticsearchInstanceOfferingList",
 "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\nThis is a convenience that creates an instance of the { @link List<ReservedElasticsearchInstanceOffering>.Builder} avoiding the need to create one manually via { @link List<ReservedElasticsearchInstanceOffering>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<ReservedElasticsearchInstanceOffering>.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)}. \n@param reservedElasticsearchInstanceOfferings a consumer that will call methods on { @link List<ReservedElasticsearchInstanceOffering>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)",
 "deprecated" : false,
 "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferings",
 "fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n@param reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferings",
 "getterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return List of reserved Elasticsearch instance offerings",
 "getterModel" : {
 "returnType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "documentation" : null
 }
}

```

```

 },
 "http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceOfferings",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferings",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ReservedElasticsearchInstanceOffering",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link
ReservedElasticsearchInstanceOffering.Builder} avoiding the need to create one manually via { @link
ReservedElasticsearchInstanceOffering#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ReservedElasticsearchInstanceOffering.Builder#build()} is called immediately and its result is passed to { @link
#member(ReservedElasticsearchInstanceOffering)}. \n@param member a consumer that will call methods on
{ @link ReservedElasticsearchInstanceOffering.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #member(ReservedElasticsearchInstanceOffering)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 }
 }
}

```

```

 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "ReservedElasticsearchInstanceOffering",
 "documentation" : null
 },
 "http" : {
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
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 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
 "variableName" : "member",
 "variableType" : "ReservedElasticsearchInstanceOffering",
 "documentation" : null,
 "simpleType" : "ReservedElasticsearchInstanceOffering",
 "variableSetterType" : "ReservedElasticsearchInstanceOffering"
 },
 "simple" : false,
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 "variable" : {
 "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
 "variableName" : "member",

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 "variableType" : "ReservedElasticsearchInstanceOffering",
 "documentation" : "",
 "simpleType" : "ReservedElasticsearchInstanceOffering",
 "variableSetterType" : "ReservedElasticsearchInstanceOffering"
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 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstanceOffering",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstanceOffering",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstanceOffering>",
"templateType" : "java.util.List<ReservedElasticsearchInstanceOffering>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstanceOfferings",
"setterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n@param
reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings",
"setterMethodName" : "setReservedElasticsearchInstanceOfferings",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "variableName" : "reservedElasticsearchInstanceOfferings",
 "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "documentation" : null,
 "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "variableName" : "reservedElasticsearchInstanceOfferings",
 "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
 "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "NextToken" : {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",

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```

 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated
results.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to
create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on {@link String.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated
results.</p>\n@param nextToken Provides an identifier to allow retrieval of paginated results. \n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@return
Provides an identifier to allow retrieval of paginated results.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
 },
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,

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"mapModel" : null,
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"name" : "NextToken",
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceOfferings" : {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferings",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferings",
 "c2jName" : "ReservedElasticsearchInstanceOfferings",
 "c2jShape" : "ReservedElasticsearchInstanceOfferingList",
 "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance
offerings</p>\nThis is a convenience that creates an instance of the { @link
List<ReservedElasticsearchInstanceOffering>.Builder} avoiding the need to create one manually via { @link
List<ReservedElasticsearchInstanceOffering>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<ReservedElasticsearchInstanceOffering>.Builder#build()} is called immediately and its result is passed to
{ @link #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)}. \n@param
reservedElasticsearchInstanceOfferings a consumer that will call methods on { @link
List<ReservedElasticsearchInstanceOffering>.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see
#reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)",
 "deprecated" : false,
 "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,

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"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferings",
"fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n@param
reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferings",
"getterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n<p>\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of
reserved Elasticsearch instance offerings",
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 "returnType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "documentation" : null
},
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceOfferings",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferings",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ReservedElasticsearchInstanceOffering",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link
ReservedElasticsearchInstanceOffering.Builder} avoiding the need to create one manually via { @link
ReservedElasticsearchInstanceOffering#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ReservedElasticsearchInstanceOffering.Builder#build()} is called immediately and its result is passed to { @link
#member(ReservedElasticsearchInstanceOffering)}. \n@param member a consumer that will call methods on
{ @link ReservedElasticsearchInstanceOffering.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #member(ReservedElasticsearchInstanceOffering)",

```

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 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
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 "returnType" : "ReservedElasticsearchInstanceOffering",
 "documentation" : null
 },
 "http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",

```

```

 "variableName" : "member",
 "variableType" : "ReservedElasticsearchInstanceOffering",
 "documentation" : null,
 "simpleType" : "ReservedElasticsearchInstanceOffering",
 "variableSetterType" : "ReservedElasticsearchInstanceOffering"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
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 "variableName" : "member",
 "variableType" : "ReservedElasticsearchInstanceOffering",
 "documentation" : "",
 "simpleType" : "ReservedElasticsearchInstanceOffering",
 "variableSetterType" : "ReservedElasticsearchInstanceOffering"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstanceOffering",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstanceOffering",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstanceOffering>",
"templateType" : "java.util.List<ReservedElasticsearchInstanceOffering>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstanceOfferings",
"setterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n@param
reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings",
"setterMethodName" : "setReservedElasticsearchInstanceOfferings",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "variableName" : "reservedElasticsearchInstanceOfferings",
 "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "documentation" : null,
 "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "variableName" : "reservedElasticsearchInstanceOfferings",

```

```

 "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
 "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param nextToken Provides an identifier to allow retrieval of paginated results.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@return Provides an identifier to allow retrieval of paginated results.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",

```

```

 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NextToken",
 "setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.",
 "setterMethodName" : "setNextToken",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferings",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferings",
 "c2jName" : "ReservedElasticsearchInstanceOfferings",
 "c2jShape" : "ReservedElasticsearchInstanceOfferingList",
 "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance
offerings</p>\nThis is a convenience that creates an instance of the { @link
List<ReservedElasticsearchInstanceOffering>.Builder} avoiding the need to create one manually via { @link
List<ReservedElasticsearchInstanceOffering>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<ReservedElasticsearchInstanceOffering>.Builder#build()} is called immediately and its result is passed to
{ @link #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)}. \n@param
reservedElasticsearchInstanceOfferings a consumer that will call methods on { @link

```



List<ReservedElasticsearchInstanceOffering>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see

```
#reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)",
 "deprecated" : false,
 "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferings",
 "fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n@param
reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings\n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferings",
 "getterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n<p>\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of
reserved Elasticsearch instance offerings",
 "getterModel" : {
 "returnType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceOfferings",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferings",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
```

```

 "c2jName" : "member",
 "c2jShape" : "ReservedElasticsearchInstanceOffering",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link
ReservedElasticsearchInstanceOffering.Builder} avoiding the need to create one manually via { @link
ReservedElasticsearchInstanceOffering#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ReservedElasticsearchInstanceOffering.Builder#build()} is called immediately and its result is passed to { @link
#member(ReservedElasticsearchInstanceOffering)}. \n\n@param member a consumer that will call methods on
{ @link ReservedElasticsearchInstanceOffering.Builder} \n\n@return Returns a reference to this object so that method
calls can be chained together. \n\n@see #member(ReservedElasticsearchInstanceOffering)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object. \n\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "ReservedElasticsearchInstanceOffering",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,

```

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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
 "variableName" : "member",
 "variableType" : "ReservedElasticsearchInstanceOffering",
 "documentation" : null,
 "simpleType" : "ReservedElasticsearchInstanceOffering",
 "variableSetterType" : "ReservedElasticsearchInstanceOffering"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
 "variableName" : "member",
 "variableType" : "ReservedElasticsearchInstanceOffering",
 "documentation" : "",
 "simpleType" : "ReservedElasticsearchInstanceOffering",
 "variableSetterType" : "ReservedElasticsearchInstanceOffering"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstanceOffering",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstanceOffering",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstanceOffering>",
"templateType" : "java.util.List<ReservedElasticsearchInstanceOffering>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstanceOfferings",
"setterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>\n\n@param
reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings",
"setterMethodName" : "setReservedElasticsearchInstanceOfferings",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "variableName" : "reservedElasticsearchInstanceOfferings",

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 "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "documentation" : null,
 "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "variableName" : "reservedElasticsearchInstanceOfferings",
 "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
 "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
 "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
 },
 "xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
 "variableName" : "describeReservedElasticsearchInstanceOfferingsResponse",
 "variableType" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
 "documentation" : null,
 "simpleType" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
 "variableSetterType" : "DescribeReservedElasticsearchInstanceOfferingsResponse"
},
"wrapper" : false
},
"DescribeReservedElasticsearchInstancesRequest" : {
 "c2jName" : "DescribeReservedElasticsearchInstancesRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Container for parameters to
<code>DescribeReservedElasticsearchInstances</code></p>",

```

```

"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
 "action" : "DescribeReservedElasticsearchInstances",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/reservedInstances",
 "target" : null,
 "verb" : "GET",
 "xmlNamespaceUri" : null
},
"members" : [{
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
 "c2jName" : "ReservedElasticsearchInstanceId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}. \n@param reservedElasticsearchInstanceId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstanceId(String)",
 "deprecated" : false,
 "documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceId",
 "fluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceId",
 "getterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@return The reserved instance

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identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "reservationId",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "reservationId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the
reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@param
reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the
reservation that matches the specified reserved Elasticsearch instance ID.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
```

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 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the
reservation that matches the specified reserved Elasticsearch instance ID.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If
not specified, defaults to 100.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder}
avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link
#maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#maxResults(Integer)",
 "deprecated" : false,
 "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "maxResults",
 "fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified,
defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified,
defaults to 100. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "maxResults",
 "getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@return Set this value to limit the number of results returned. If not specified, defaults to 100.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",

```

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"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "maxResults",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "maxResults",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the

```



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{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination. \n@return Returns a reference to
this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "nextToken",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "nextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,

```

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"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "MaxResults" : {
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If
not specified, defaults to 100.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder}
avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link
#maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#maxResults(Integer)",
 "deprecated" : false,
 "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,

```

```

 "fluentGetterMethodName" : "maxResults",
 "fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified,
defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified,
defaults to 100.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "maxResults",
 "getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@return Set this value to limit the number of results returned. If not specified, defaults to 100.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "maxResults",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "MaxResults",
 "setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to
100.",
 "setterMethodName" : "setMaxResults",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },

```

```

"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"NextToken" : {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.</p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination.\n@return Returns a reference to
this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,

```

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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "nextToken",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},

```

```

"ReservedElasticsearchInstanceId" : {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
 "c2jName" : "ReservedElasticsearchInstanceId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this
parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}. \n@param
reservedElasticsearchInstanceId a consumer that will call methods on { @link String.Builder}\n@return Returns a
reference to this object so that method calls can be chained together. \n@see
#reservedElasticsearchInstanceId(String)",
 "deprecated" : false,
 "documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the
reservation that matches the specified reserved Elasticsearch instance ID.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceId",
 "fluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show
only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@param
reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the
reservation that matches the specified reserved Elasticsearch instance ID. \n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceId",
 "getterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the
reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@return The reserved instance
identifier filter value. Use this parameter to show only the reservation that matches the specified reserved
Elasticsearch instance ID.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "reservationId",
 "queryString" : true,

```

```

 "statusCode" : false,
 "unmarshallLocationName" : "reservationId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservedElasticsearchInstanceId",
 "setterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.",
 "setterMethodName" : "setReservedElasticsearchInstanceId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
 "c2jName" : "ReservedElasticsearchInstanceId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via

```

{ @link String#builder()}.  
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}.  
@param reservedElasticsearchInstanceId a consumer that will call methods on { @link String.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #reservedElasticsearchInstanceId(String)",

"deprecated" : false,

"documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "reservedElasticsearchInstanceId",

"fluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>  
@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.  
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "reservedElasticsearchInstanceId",

"getterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>  
@return The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.",

"getterModel" : {  
"returnType" : "String",  
"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : "querystring",

"marshallLocation" : "QUERY\_PARAM",

"marshallLocationName" : "reservationId",

"queryString" : true,

"statusCode" : false,

"unmarshallLocationName" : "reservationId",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,



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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #maxResults(Integer)",
 "deprecated" : false,
 "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified,
defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified,
defaults to 100.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "maxResults",
"getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@return Set this value to limit the number of results returned. If not specified, defaults to 100.",
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "maxResults",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to
100.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",

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 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.</p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n\n@param nextToken a consumer that will call methods on { @link
String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see
#nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination.</p>\n\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination.\n\n@return Returns a reference to
this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "nextToken",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null

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 }],
 "requestSignerAware" : false,
 "requestSignerClassFqcn" : null,
 "required" : null,
 "shapeName" : "DescribeReservedElasticsearchInstancesRequest",
 "simpleMethod" : true,
 "unmarshaller" : null,
 "variable" : {
 "variableDeclarationType" : "DescribeReservedElasticsearchInstancesRequest",
 "variableName" : "describeReservedElasticsearchInstancesRequest",
 "variableType" : "DescribeReservedElasticsearchInstancesRequest",
 "documentation" : null,
 "simpleType" : "DescribeReservedElasticsearchInstancesRequest",
 "variableSetterType" : "DescribeReservedElasticsearchInstancesRequest"
 },
 "wrapper" : false
},
"DescribeReservedElasticsearchInstancesResponse" : {
 "c2jName" : "DescribeReservedElasticsearchInstancesResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Container for results from <code>DescribeReservedElasticsearchInstances</code></p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param

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nextToken a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",

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"deprecated" : false,
"documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@return
Provides an identifier to allow retrieval of paginated results.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.",
"setterMethodName" : "setNextToken",
```

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"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstances",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstances",
 "c2jName" : "ReservedElasticsearchInstances",
 "c2jShape" : "ReservedElasticsearchInstanceList",
 "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\nThis is a convenience that creates an instance of the { @link List<ReservedElasticsearchInstance>.Builder} avoiding the need to create one manually via { @link List<ReservedElasticsearchInstance>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<ReservedElasticsearchInstance>.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)}. \n@param reservedElasticsearchInstances a consumer that will call methods on { @link List<ReservedElasticsearchInstance>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)",
 "deprecated" : false,
 "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstances",
 "fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n@param reservedElasticsearchInstances List of reserved Elasticsearch instances. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstances",
 "getterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return List of reserved Elasticsearch instances.",
 "getterModel" : {

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"returnType" : "java.util.List<ReservedElasticsearchInstance>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservedElasticsearchInstances",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstances",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "ReservedElasticsearchInstance",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link ReservedElasticsearchInstance.Builder}
avoiding the need to create one manually via { @link ReservedElasticsearchInstance#builder() }. \n\nWhen the
{ @link Consumer} completes, { @link ReservedElasticsearchInstance.Builder#build()} is called immediately and its
result is passed to { @link #member(ReservedElasticsearchInstance)}. \n@param member a consumer that will call
methods on { @link ReservedElasticsearchInstance.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #member(ReservedElasticsearchInstance)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method

```



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calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "ReservedElasticsearchInstance",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "ReservedElasticsearchInstance",
 "variableName" : "member",
 "variableType" : "ReservedElasticsearchInstance",
 "documentation" : null,
 "simpleType" : "ReservedElasticsearchInstance",
 "variableSetterType" : "ReservedElasticsearchInstance"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ReservedElasticsearchInstance",

```

```

 "variableName" : "member",
 "variableType" : "ReservedElasticsearchInstance",
 "documentation" : "",
 "simpleType" : "ReservedElasticsearchInstance",
 "variableSetterType" : "ReservedElasticsearchInstance"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstance",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstance",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstance>",
"templateType" : "java.util.List<ReservedElasticsearchInstance>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstances",
"setterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n@param
reservedElasticsearchInstances List of reserved Elasticsearch instances.",
"setterMethodName" : "setReservedElasticsearchInstances",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
 "variableName" : "reservedElasticsearchInstances",
 "variableType" : "java.util.List<ReservedElasticsearchInstance>",
 "documentation" : null,
 "simpleType" : "List<ReservedElasticsearchInstance>",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
 "variableName" : "reservedElasticsearchInstances",
 "variableType" : "java.util.List<ReservedElasticsearchInstance>",
 "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
 "simpleType" : "List<ReservedElasticsearchInstance>",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "NextToken" : {
 "beanStyleGetterMethodName" : "getNextToken",

```

```

"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated
results.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
"deprecated" : false,
"documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated
results.</p>\n@param nextToken Provides an identifier to allow retrieval of paginated results.\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@return
Provides an identifier to allow retrieval of paginated results.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,

```

```

"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ReservedElasticsearchInstances" : {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstances",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstances",
 "c2jName" : "ReservedElasticsearchInstances",
 "c2jShape" : "ReservedElasticsearchInstanceList",
 "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\nThis is a
convenience that creates an instance of the {@link List<ReservedElasticsearchInstance>.Builder} avoiding the need
to create one manually via {@link List<ReservedElasticsearchInstance>#builder()}. \n\nWhen the {@link
Consumer} completes, {@link List<ReservedElasticsearchInstance>.Builder#build()} is called immediately and its
result is passed to {@link #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)}.\n@param
reservedElasticsearchInstances a consumer that will call methods on {@link
List<ReservedElasticsearchInstance>.Builder}\n@return Returns a reference to this object so that method calls can
be chained together.\n@see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)",
 "deprecated" : false,
 "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstances",

```

```

"fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n@param
reservedElasticsearchInstances List of reserved Elasticsearch instances.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstances",
"getterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of
reserved Elasticsearch instances.",
"getterModel" : {
 "returnType" : "java.util.List<ReservedElasticsearchInstance>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstances",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstances",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ReservedElasticsearchInstance",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link ReservedElasticsearchInstance.Builder}
avoiding the need to create one manually via { @link ReservedElasticsearchInstance#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link ReservedElasticsearchInstance.Builder#build()} is called immediately and its
result is passed to { @link #member(ReservedElasticsearchInstance)}. \n@param member a consumer that will call
methods on { @link ReservedElasticsearchInstance.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #member(ReservedElasticsearchInstance)",
 "deprecated" : false,
 "documentation" : ""
 }
}

```

```

 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "ReservedElasticsearchInstance",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "ReservedElasticsearchInstance",
 "variableName" : "member",
 "variableType" : "ReservedElasticsearchInstance",

```

```

 "documentation" : null,
 "simpleType" : "ReservedElasticsearchInstance",
 "variableSetterType" : "ReservedElasticsearchInstance"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ReservedElasticsearchInstance",
 "variableName" : "member",
 "variableType" : "ReservedElasticsearchInstance",
 "documentation" : "",
 "simpleType" : "ReservedElasticsearchInstance",
 "variableSetterType" : "ReservedElasticsearchInstance"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstance",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstance",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstance>",
"templateType" : "java.util.List<ReservedElasticsearchInstance>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstances",
"setterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n@param
reservedElasticsearchInstances List of reserved Elasticsearch instances.",
"setterMethodName" : "setReservedElasticsearchInstances",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
 "variableName" : "reservedElasticsearchInstances",
 "variableType" : "java.util.List<ReservedElasticsearchInstance>",
 "documentation" : null,
 "simpleType" : "List<ReservedElasticsearchInstance>",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
 "variableName" : "reservedElasticsearchInstances",
 "variableType" : "java.util.List<ReservedElasticsearchInstance>",
 "documentation" : "<p>List of reserved Elasticsearch instances.</p>",

```

```

 "simpleType" : "List<ReservedElasticsearchInstance>",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated
results.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.\n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@return
Provides an identifier to allow retrieval of paginated results.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
}
,
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,

```



```

 "unmarshallLocationName" : "NextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NextToken",
 "setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>\n@param
nextToken Provides an identifier to allow retrieval of paginated results.",
 "setterMethodName" : "setNextToken",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstances",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstances",
 "c2jName" : "ReservedElasticsearchInstances",
 "c2jShape" : "ReservedElasticsearchInstanceList",
 "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\nThis is a
convenience that creates an instance of the { @link List<ReservedElasticsearchInstance>.Builder} avoiding the need
to create one manually via { @link List<ReservedElasticsearchInstance>#builder()}. \n\nWhen the { @link
Consumer} completes, { @link List<ReservedElasticsearchInstance>.Builder#build()} is called immediately and its
result is passed to { @link #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)}. \n@param
reservedElasticsearchInstances a consumer that will call methods on { @link
List<ReservedElasticsearchInstance>.Builder} \n@return Returns a reference to this object so that method calls can
be chained together. \n@see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)",
 "deprecated" : false,

```

```

"documentation" : "<p>List of reserved Elasticsearch instances.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstances",
"fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n@param
reservedElasticsearchInstances List of reserved Elasticsearch instances.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstances",
"getterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of
reserved Elasticsearch instances.",
"getterModel" : {
 "returnType" : "java.util.List<ReservedElasticsearchInstance>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstances",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstances",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ReservedElasticsearchInstance",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link ReservedElasticsearchInstance.Builder}

```

avoiding the need to create one manually via `{@link ReservedElasticsearchInstance#builder()}.build()`.  
 When the `{@link Consumer}` completes, `{@link ReservedElasticsearchInstance.Builder#build()}` is called immediately and its result is passed to `{@link #member(ReservedElasticsearchInstance)}`.  
 @param member a consumer that will call methods on `{@link ReservedElasticsearchInstance.Builder}`  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see `#member(ReservedElasticsearchInstance)`",

```
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
```

```
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of
the Member property for this object.",
```

```
"getterModel" : {
 "returnType" : "ReservedElasticsearchInstance",
 "documentation" : null
},
```

```
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
```

```
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
```

```

"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "ReservedElasticsearchInstance",
 "variableName" : "member",
 "variableType" : "ReservedElasticsearchInstance",
 "documentation" : null,
 "simpleType" : "ReservedElasticsearchInstance",
 "variableSetterType" : "ReservedElasticsearchInstance"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ReservedElasticsearchInstance",
 "variableName" : "member",
 "variableType" : "ReservedElasticsearchInstance",
 "documentation" : "",
 "simpleType" : "ReservedElasticsearchInstance",
 "variableSetterType" : "ReservedElasticsearchInstance"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstance",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstance",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstance>",
"templateType" : "java.util.List<ReservedElasticsearchInstance>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstances",
"setterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n\n@param
reservedElasticsearchInstances List of reserved Elasticsearch instances.",
"setterMethodName" : "setReservedElasticsearchInstances",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
 "variableName" : "reservedElasticsearchInstances",
 "variableType" : "java.util.List<ReservedElasticsearchInstance>",
 "documentation" : null,
 "simpleType" : "List<ReservedElasticsearchInstance>",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
},

```

```

"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
 "variableName" : "reservedElasticsearchInstances",
 "variableType" : "java.util.List<ReservedElasticsearchInstance>",
 "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
 "simpleType" : "List<ReservedElasticsearchInstance>",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DescribeReservedElasticsearchInstancesResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "DescribeReservedElasticsearchInstancesResponse",
 "variableName" : "describeReservedElasticsearchInstancesResponse",
 "variableType" : "DescribeReservedElasticsearchInstancesResponse",
 "documentation" : null,
 "simpleType" : "DescribeReservedElasticsearchInstancesResponse",
 "variableSetterType" : "DescribeReservedElasticsearchInstancesResponse"
},
"wrapper" : false
},
"DisabledOperationException" : {
 "c2jName" : "DisabledOperationException",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.</p>",
 "enums" : null,
 "errorCode" : "DisabledOperationException",
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,

```

```

"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : 409,
"marshaller" : null,
"members" : [],
"membersAsMap" : { },
"nonStreamingMembers" : [],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,
"shapeName" : "DisabledOperationException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "DisabledOperationException",
 "variableName" : "disabledOperationException",
 "variableType" : "DisabledOperationException",
 "documentation" : null,
 "simpleType" : "DisabledOperationException",
 "variableSetterType" : "DisabledOperationException"
},
"wrapper" : false
},
"DomainInfo" : {
 "c2jName" : "DomainInfo",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{

```

```

"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will
call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@param domainName
Specifies the <code>DomainName</code>.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@return Specifies the
<code>DomainName</code>.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,

```

```

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@param domainName
Specifies the <code>DomainName</code>.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will
call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",

```



```

 "fluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@param domainName
Specifies the <code>DomainName</code>.\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@return Specifies the
<code>DomainName</code>.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@param domainName
Specifies the <code>DomainName</code>.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,

```

```

"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will
call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@param domainName
Specifies the <code>DomainName</code>.\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@return Specifies the
<code>DomainName</code>.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

```

```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n@param domainName
Specifies the <code>DomainName</code>.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DomainInfo",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null

```

```

},
"variable" : {
 "variableDeclarationType" : "DomainInfo",
 "variableName" : "domainInfo",
 "variableType" : "DomainInfo",
 "documentation" : null,
 "simpleType" : "DomainInfo",
 "variableSetterType" : "DomainInfo"
},
"wrapper" : false
},
"EBSOptions" : {
 "c2jName" : "EBSOptions",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Options to enable, disable, and specify the properties of EBS storage volumes. For more information, see Configuring EBS-based Storage.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getEbsEnabled",
 "beanStyleSetterMethodName" : "setEbsEnabled",
 "c2jName" : "EBSEnabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #efsEnabled(Boolean)}. \n@ param ebsEnabled a consumer that will call methods on { @link Boolean.Builder} \n@ return Returns a reference to this object so that method calls can be chained together. \n@ see #efsEnabled(Boolean)",
 }]
}

```

```

"deprecated" : false,
"documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsEnabled",
"fluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@param ebsEnabled
Specifies whether EBS-based storage is enabled.\n@return Returns a reference to this object so that method calls
can be chained together.",
"fluentSetterMethodName" : "ebsEnabled",
"getterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@return Specifies whether
EBS-based storage is enabled.",
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EBSEnabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EBSEnabled",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "EBSEnabled",
"setterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@param ebsEnabled
Specifies whether EBS-based storage is enabled.",
"setterMethodName" : "setEbsEnabled",
"setterModel" : {
 "variableDeclarationType" : "Boolean",

```

```

 "variableName" : "ebsEnabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "ebsEnabled",
 "variableType" : "Boolean",
 "documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getVolumeTypeAsString",
 "beanStyleSetterMethodName" : "setVolumeType",
 "c2jName" : "VolumeType",
 "c2jShape" : "VolumeType",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based
storage.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#volumeTypeAsString(String)}. \n@param volumeType a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#volumeType(String)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the volume type for EBS-based storage.</p>",
 "enumType" : "VolumeType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "volumeType",
 "fluentEnumSetterMethodName" : "volumeType",
 "fluentGetterMethodName" : "volumeTypeAsString",
 "fluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n@param
volumeType Specifies the volume type for EBS-based storage.\n@see VolumeType\n@return Returns a reference
to this object so that method calls can be chained together.\n@see VolumeType",
 "fluentSetterMethodName" : "volumeType",
 "getterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #volumeType} will return { @link
VolumeType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#volumeTypeAsString}. \n</p>\n@return Specifies the volume type for EBS-based storage.\n@see VolumeType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
}

```

```

},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VolumeType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VolumeType",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "VolumeType",
"setterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n@param volumeType
Specifies the volume type for EBS-based storage.\n@see VolumeType",
"setterMethodName" : "setVolumeType",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "volumeType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "volumeType",
 "variableType" : "String",
 "documentation" : "<p> Specifies the volume type for EBS-based storage.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null

```

```

}, {
 "beanStyleGetterMethodName" : "getVolumeSize",
 "beanStyleSetterMethodName" : "setVolumeSize",
 "c2jName" : "VolumeSize",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\nThis
is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually
via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is
called immediately and its result is passed to { @link #volumeSize(Integer)}. \n@param volumeSize a consumer that
will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be
chained together. \n@see #volumeSize(Integer)",
 "deprecated" : false,
 "documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "volumeSize",
 "fluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@param volumeSize
Integer to specify the size of an EBS volume. \n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "volumeSize",
 "getterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@return Integer to specify
the size of an EBS volume.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VolumeSize",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VolumeSize",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,

```



```

"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "VolumeSize",
"setterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@param volumeSize Integer
to specify the size of an EBS volume.",
"setterMethodName" : "setVolumeSize",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "volumeSize",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "volumeSize",
 "variableType" : "Integer",
 "documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getIops",
 "beanStyleSetterMethodName" : "setIops",
 "c2jName" : "Iops",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume
(SSD).</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link #iops(Integer)}. \n@param iops a
consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #iops(Integer)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "iops",
 "fluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume

```

(SSD).</p>\n@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "iops",

"getterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@return Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",

"getterModel" : {

"returnType" : "Integer",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "Iops",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "Iops",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "INTEGER",

"name" : "Iops",

"setterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",

"setterMethodName" : "setIops",

"setterModel" : {

"variableDeclarationType" : "Integer",

"variableName" : "iops",

"variableType" : "Integer",

"documentation" : null,

"simpleType" : "Integer",

"variableSetterType" : "Integer"

},

"simple" : true,

"timestampFormat" : null,

"variable" : {

```

"variableDeclarationType" : "Integer",
"variableName" : "iops",
"variableType" : "Integer",
"documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
"EBSEnabled" : {
"beanStyleGetterMethodName" : "getEbsEnabled",
"beanStyleSetterMethodName" : "setEbsEnabled",
"c2jName" : "EBSEnabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is
enabled.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link
#ebsEnabled(Boolean)}. \n@param ebsEnabled a consumer that will call methods on { @link
Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#ebsEnabled(Boolean)",
"deprecated" : false,
"documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsEnabled",
"fluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@param
ebsEnabled Specifies whether EBS-based storage is enabled.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "ebsEnabled",
"getterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@return Specifies
whether EBS-based storage is enabled.",
"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,

```

```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EBSEnabled",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EBSEnabled",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "EBSEnabled",
"setterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@param ebsEnabled
Specifies whether EBS-based storage is enabled.",
"setterMethodName" : "setEbsEnabled",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "ebsEnabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "ebsEnabled",
 "variableType" : "Boolean",
 "documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"Iops" : {
 "beanStyleGetterMethodName" : "getIops",
 "beanStyleSetterMethodName" : "setIops",
 "c2jName" : "Iops",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume
(SSD).</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link

```

Integer.Builder#build() is called immediately and its result is passed to {@link #iops(Integer)}.  
@param iops a consumer that will call methods on {@link Integer.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #iops(Integer)",

```
"deprecated" : false,
"documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "iops",
"fluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "iops",
"getterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@return Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Iops",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Iops",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Iops",
"setterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",
```

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"setterMethodName" : "setIops",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "iops",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "iops",
 "variableType" : "Integer",
 "documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"VolumeSize" : {
 "beanStyleGetterMethodName" : "getVolumeSize",
 "beanStyleSetterMethodName" : "setVolumeSize",
 "c2jName" : "VolumeSize",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\nThis
is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually
via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is
called immediately and its result is passed to { @link #volumeSize(Integer)}. \n@param volumeSize a consumer that
will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be
chained together. \n@see #volumeSize(Integer)",
 "deprecated" : false,
 "documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "volumeSize",
 "fluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@param volumeSize
Integer to specify the size of an EBS volume. \n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "volumeSize",
 "getterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@return Integer to specify
the size of an EBS volume.",
 "getterModel" : {
 "returnType" : "Integer",

```

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 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VolumeSize",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VolumeSize",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "VolumeSize",
 "setterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@param volumeSize Integer
to specify the size of an EBS volume.",
 "setterMethodName" : "setVolumeSize",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "volumeSize",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "volumeSize",
 "variableType" : "Integer",
 "documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },

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 "xmlNamespaceUri" : null
 },
 "VolumeType" : {
 "beanStyleGetterMethodName" : "getVolumeTypeAsString",
 "beanStyleSetterMethodName" : "setVolumeType",
 "c2jName" : "VolumeType",
 "c2jShape" : "VolumeType",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based
storage.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#volumeTypeAsString(String)}. \n@param volumeType a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#volumeType(String)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the volume type for EBS-based storage.</p>",
 "enumType" : "VolumeType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "volumeType",
 "fluentEnumSetterMethodName" : "volumeType",
 "fluentGetterMethodName" : "volumeTypeAsString",
 "fluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n@param
volumeType Specifies the volume type for EBS-based storage.\n@see VolumeType\n@return Returns a reference
to this object so that method calls can be chained together.\n@see VolumeType",
 "fluentSetterMethodName" : "volumeType",
 "getterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #volumeType} will return { @link
VolumeType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#volumeTypeAsString}. \n</p>\n@return Specifies the volume type for EBS-based storage.\n@see VolumeType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VolumeType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VolumeType",
 }
}

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 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "VolumeType",
 "setterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n@param volumeType
Specifies the volume type for EBS-based storage.\n@see VolumeType",
 "setterMethodName" : "setVolumeType",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "volumeType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "volumeType",
 "variableType" : "String",
 "documentation" : "<p> Specifies the volume type for EBS-based storage.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getEbsEnabled",
 "beanStyleSetterMethodName" : "setEbsEnabled",
 "c2jName" : "EBSEnabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is
enabled.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link
#ebsEnabled(Boolean)}. \n@param ebsEnabled a consumer that will call methods on { @link
Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#ebsEnabled(Boolean)",
 "deprecated" : false,

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"documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsEnabled",
"fluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@param ebsEnabled
Specifies whether EBS-based storage is enabled.\n@return Returns a reference to this object so that method calls
can be chained together.",
"fluentSetterMethodName" : "ebsEnabled",
"getterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@return Specifies whether
EBS-based storage is enabled.",
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EBSEnabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EBSEnabled",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "EBSEnabled",
"setterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>\n@param ebsEnabled
Specifies whether EBS-based storage is enabled.",
"setterMethodName" : "setEbsEnabled",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "ebsEnabled",

```

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 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "ebsEnabled",
 "variableType" : "Boolean",
 "documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getVolumeTypeAsString",
 "beanStyleSetterMethodName" : "setVolumeType",
 "c2jName" : "VolumeType",
 "c2jShape" : "VolumeType",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based
storage.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#volumeTypeAsString(String)}. \n@param volumeType a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#volumeType(String)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the volume type for EBS-based storage.</p>",
 "enumType" : "VolumeType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "volumeType",
 "fluentEnumSetterMethodName" : "volumeType",
 "fluentGetterMethodName" : "volumeTypeAsString",
 "fluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n@param
volumeType Specifies the volume type for EBS-based storage.\n@see VolumeType\n@return Returns a reference
to this object so that method calls can be chained together.\n@see VolumeType",
 "fluentSetterMethodName" : "volumeType",
 "getterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #volumeType} will return { @link
VolumeType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#volumeTypeAsString}. \n</p>\n@return Specifies the volume type for EBS-based storage.\n@see VolumeType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
}

```

```

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VolumeType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VolumeType",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "VolumeType",
"setterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>\n@param volumeType
Specifies the volume type for EBS-based storage.\n@see VolumeType",
"setterMethodName" : "setVolumeType",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "volumeType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "volumeType",
 "variableType" : "String",
 "documentation" : "<p> Specifies the volume type for EBS-based storage.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {

```

```

"beanStyleGetterMethodName" : "getVolumeSize",
"beanStyleSetterMethodName" : "setVolumeSize",
"c2jName" : "VolumeSize",
"c2jShape" : "IntegerClass",
"defaultConsumerFluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\nThis
is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually
via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is
called immediately and its result is passed to { @link #volumeSize(Integer)}. \n@param volumeSize a consumer that
will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #volumeSize(Integer)",
"deprecated" : false,
"documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "volumeSize",
"fluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@param volumeSize
Integer to specify the size of an EBS volume.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "volumeSize",
"getterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@return Integer to specify
the size of an EBS volume.",
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VolumeSize",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VolumeSize",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,

```

```

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "VolumeSize",
"setterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>\n@param volumeSize Integer
to specify the size of an EBS volume.",
"setterMethodName" : "setVolumeSize",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "volumeSize",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "volumeSize",
 "variableType" : "Integer",
 "documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getIops",
 "beanStyleSetterMethodName" : "setIops",
 "c2jName" : "Iops",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume
(SSD).</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link #iops(Integer)}. \n@param iops a
consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #iops(Integer)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "iops",
 "fluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume
(SSD).</p>\n@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).\n@return Returns a

```

reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "iops",
"getterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@return
Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Iops",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Iops",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Iops",
"setterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n@param
iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",
"setterMethodName" : "setIops",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "iops",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
```

```

 "variableName" : "iops",
 "variableType" : "Integer",
 "documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "EBSOptions",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : null,
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
},
"wrapper" : false
},
"EBSOptionsStatus" : {
 "c2jName" : "EBSOptionsStatus",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Status of the EBS options for the specified Elasticsearch domain.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,

```



```

"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "EBSOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch
domain.</p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder } avoiding the need
to create one manually via { @link EBSOptions#builder()}. \n\nWhen the { @link Consumer } completes, { @link
EBSOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(EBSOptions)}. \n@param options a consumer that will call methods on { @link
EBSOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(EBSOptions)",
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 "isStreaming" : false,
 "location" : null,
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 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
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 "idempotencyToken" : false,

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 "documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>",
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
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"xmlNamespaceUri" : null
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 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder}
avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
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 "fluentEnumGetterMethodName" : null,

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domain.</p>\n@param status Specifies the status of the EBS options for the specified Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
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 "documentation" : null
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 "isStreaming" : false,
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 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
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 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
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 "variableSetterType" : "OptionStatus"
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}],
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 "Options" : {
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 "c2jShape" : "EBSOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the need to create one manually via { @link EBSOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link #options(EBSOptions)}. \n@param options a consumer that will call methods on { @link EBSOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #options(EBSOptions)",
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 "fluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>\n@param options Specifies the EBS options for the specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
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 "documentation" : null
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 "http" : {
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 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
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 "jsonValue" : false,
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 "mapModel" : null,
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 "variableSetterType" : "EBSOptions"
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 "beanStyleSetterMethodName" : "setStatus",
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 "c2jShape" : "OptionStatus",

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"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #status(OptionStatus)",

"deprecated" : false,

"documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",

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"fluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the EBS options for the specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "status",

"getterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>\n@return Specifies the status of the EBS options for the specified Elasticsearch domain.",

"getterModel" : {

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"documentation" : null

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"statusCode" : false,

"unmarshallLocationName" : "Status",

"uri" : false

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"idempotencyToken" : false,

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"map" : false,

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 "variableSetterType" : "OptionStatus"
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 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
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"xmlNamespaceUri" : null
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},
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 "beanStyleGetterMethodName" : "getOptions",
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 "c2jName" : "Options",
 "c2jShape" : "EBSOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch
domain.</p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the need
to create one manually via { @link EBSOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EBSOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(EBSOptions)}. \n@param options a consumer that will call methods on { @link
EBSOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(EBSOptions)",
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 "fluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch
domain.</p>\n@param options Specifies the EBS options for the specified Elasticsearch domain.\n@return Returns

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a reference to this object so that method calls can be chained together.",

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"fluentSetterMethodName" : "options",
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Specifies the EBS options for the specified Elasticsearch domain.",

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avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer }
completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
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together. \n@see #status(OptionStatus)",
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domain. \n@return Returns a reference to this object so that method calls can be chained together.",
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 "documentation" : null
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 "isStreaming" : false,
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 "marshallLocationName" : "Status",

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 "variableSetterType" : "OptionStatus"
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"simpleMethod" : false,
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"variable" : {
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 "value" : "c4.xlarge.elasticsearch"
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 "name" : "C4_2_XLARGE_ELASTICSEARCH",

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 "value" : "i3.4xlarge.elasticsearch"
}, {
 "name" : "I3_8_XLARGE_ELASTICSEARCH",
 "value" : "i3.8xlarge.elasticsearch"
}, {
 "name" : "I3_16_XLARGE_ELASTICSEARCH",
 "value" : "i3.16xlarge.elasticsearch"
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"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,

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"hasHeaderMember" : false,
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"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [],
"membersAsMap" : { },
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"requestSignerAware" : false,
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"required" : null,
"shapeName" : "ESPartitionInstanceType",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
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"variable" : {
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 "variableName" : "esPartitionInstanceType",
 "variableType" : "ESPartitionInstanceType",
 "documentation" : null,
 "simpleType" : "ESPartitionInstanceType",
 "variableSetterType" : "ESPartitionInstanceType"
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"wrapper" : false
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"ElasticsearchClusterConfig" : {
 "c2jName" : "ElasticsearchClusterConfig",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Specifies the configuration for the domain cluster, such as the type and number of
instances.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,

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"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getInstanceTypeAsString",
 "beanStyleSetterMethodName" : "setInstanceType",
 "c2jName" : "InstanceType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #instanceTypeAsString(String)}. \n@param instanceType a consumer
that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls
can be chained together.\n@see #instanceType(String)",
 "deprecated" : false,
 "documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "instanceType",
 "fluentEnumSetterMethodName" : "instanceType",
 "fluentGetterMethodName" : "instanceTypeAsString",
 "fluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n@param instanceType
The instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType\n@return Returns a reference to this
object so that method calls can be chained together.\n@see ESPartitionInstanceType",
 "fluentSetterMethodName" : "instanceType",
 "getterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n<p>\nIf the service returns an
enum value that is not available in the current SDK version, { @link #instanceType} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #instanceTypeAsString}. \n</p>\n@return The instance type for an Elasticsearch cluster.\n@see
ESPartitionInstanceType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
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 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "InstanceType",
 "queryString" : false,
 "statusCode" : false,

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 "unmarshallLocationName" : "InstanceType",
 "uri" : false
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 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "InstanceType",
 "setterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n@param instanceType The
instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType",
 "setterMethodName" : "setInstanceType",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "instanceType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "timestampFormat" : null,
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 "variableDeclarationType" : "String",
 "variableName" : "instanceType",
 "variableType" : "String",
 "documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getInstanceCount",
 "beanStyleSetterMethodName" : "setInstanceCount",
 "c2jName" : "InstanceCount",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p>The number of instances in the specified domain
cluster.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#instanceCount(Integer)}. \n@param instanceCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#instanceCount(Integer)",
 "deprecated" : false,
 "documentation" : "<p>The number of instances in the specified domain cluster.</p>",

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
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"fluentSetterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@param
instanceCount The number of instances in the specified domain cluster.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "instanceCount",
"getterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@return The
number of instances in the specified domain cluster.",
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
},
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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "InstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceCount",
 "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "InstanceCount",
"setterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@param
instanceCount The number of instances in the specified domain cluster.",
"setterMethodName" : "setInstanceCount",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "instanceCount",
 "variableType" : "Integer",

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 "documentation" : null,
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 "variableSetterType" : "Integer"
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 "variableType" : "Integer",
 "documentation" : "<p>The number of instances in the specified domain cluster.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
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 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDedicatedMasterEnabled",
 "beanStyleSetterMethodName" : "setDedicatedMasterEnabled",
 "c2jName" : "DedicatedMasterEnabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #dedicatedMasterEnabled(Boolean)}. \n@param dedicatedMasterEnabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together.\n@see #dedicatedMasterEnabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "dedicatedMasterEnabled",
 "fluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.</p>\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.\n@return Returns a reference to this object so that method calls can be chained together."

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 "fluentSetterMethodName" : "dedicatedMasterEnabled",
 "getterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.</p>\n@return A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DedicatedMasterEnabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DedicatedMasterEnabled",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "BOOLEAN",
 "name" : "DedicatedMasterEnabled",
 "setterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.</p>\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.",
 "setterMethodName" : "setDedicatedMasterEnabled",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "dedicatedMasterEnabled",

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 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "dedicatedMasterEnabled",
 "variableType" : "Boolean",
 "documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getZoneAwarenessEnabled",
 "beanStyleSetterMethodName" : "setZoneAwarenessEnabled",
 "c2jName" : "ZoneAwarenessEnabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #zoneAwarenessEnabled(Boolean)}. \n@param zoneAwarenessEnabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #zoneAwarenessEnabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "zoneAwarenessEnabled",
 "fluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.</p>\n@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-

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manageddomains-zoneawareness\" target=\"\_blank\">About Zone Awareness</a> for more information.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "zoneAwarenessEnabled",

"getterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-zoneawareness\" target=\"\_blank\">About Zone Awareness</a> for more information.</p>\n@return A boolean value to indicate whether zone awareness is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-zoneawareness\" target=\"\_blank\">About Zone Awareness</a> for more information.",

"getterModel" : {

"returnType" : "Boolean",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "ZoneAwarenessEnabled",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "ZoneAwarenessEnabled",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "BOOLEAN",

"name" : "ZoneAwarenessEnabled",

"setterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-zoneawareness\" target=\"\_blank\">About Zone Awareness</a> for more information.</p>\n@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-zoneawareness\" target=\"\_blank\">About Zone Awareness</a> for more information.",

"setterMethodName" : "setZoneAwarenessEnabled",

"setterModel" : {

"variableDeclarationType" : "Boolean",

"variableName" : "zoneAwarenessEnabled",

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 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "zoneAwarenessEnabled",
 "variableType" : "Boolean",
 "documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-
manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness for more information.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDedicatedMasterTypeAsString",
 "beanStyleSetterMethodName" : "setDedicatedMasterType",
 "c2jName" : "DedicatedMasterType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p>The instance type for a dedicated master node.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #dedicatedMasterTypeAsString(String)}. \n@param
dedicatedMasterType a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to
this object so that method calls can be chained together.\n@see #dedicatedMasterType(String)",
 "deprecated" : false,
 "documentation" : "<p>The instance type for a dedicated master node.</p>",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "dedicatedMasterType",
 "fluentEnumSetterMethodName" : "dedicatedMasterType",
 "fluentGetterMethodName" : "dedicatedMasterTypeAsString",
 "fluentSetterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n@param
dedicatedMasterType The instance type for a dedicated master node.\n@see ESPartitionInstanceType\n@return
Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
 "fluentSetterMethodName" : "dedicatedMasterType",
 "getterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #dedicatedMasterType} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #dedicatedMasterTypeAsString}. \n</p>\n@return The instance type for a dedicated master
node.\n@see ESPartitionInstanceType",
 "getterModel" : {
 "returnType" : "String",

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"documentation" : null
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"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
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 "marshallLocationName" : "DedicatedMasterType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DedicatedMasterType",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DedicatedMasterType",
"setterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n@param
dedicatedMasterType The instance type for a dedicated master node.\n@see ESPartitionInstanceType",
"setterMethodName" : "setDedicatedMasterType",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "dedicatedMasterType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "dedicatedMasterType",
 "variableType" : "String",
 "documentation" : "<p>The instance type for a dedicated master node.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},

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"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDedicatedMasterCount",
 "beanStyleSetterMethodName" : "setDedicatedMasterCount",
 "c2jName" : "DedicatedMasterCount",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on
standby, for the cluster.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding
the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#dedicatedMasterCount(Integer)}. \n@param dedicatedMasterCount a consumer that will call methods on { @link
Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#dedicatedMasterCount(Integer)",
 "deprecated" : false,
 "documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "dedicatedMasterCount",
 "fluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.</p>\n@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for
the cluster. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "dedicatedMasterCount",
 "getterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.</p>\n@return Total number of dedicated master nodes, active and on standby, for the cluster.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
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 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DedicatedMasterCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DedicatedMasterCount",
 "uri" : false
 },
 "idempotencyToken" : false,

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"isBinary" : false,
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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "DedicatedMasterCount",
"setterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.</p>\n@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for
the cluster.",
"setterMethodName" : "setDedicatedMasterCount",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "dedicatedMasterCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "dedicatedMasterCount",
 "variableType" : "Integer",
 "documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DedicatedMasterCount" : {
 "beanStyleGetterMethodName" : "getDedicatedMasterCount",
 "beanStyleSetterMethodName" : "setDedicatedMasterCount",
 "c2jName" : "DedicatedMasterCount",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on
standby, for the cluster.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding
the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#dedicatedMasterCount(Integer)}. \n@param dedicatedMasterCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#dedicatedMasterCount(Integer)",
 "deprecated" : false,
 "documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
 "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "dedicatedMasterCount",
"fluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.</p>\n@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for
the cluster.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "dedicatedMasterCount",
"getterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.</p>\n@return Total number of dedicated master nodes, active and on standby, for the cluster.",
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
},
"http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DedicatedMasterCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DedicatedMasterCount",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "DedicatedMasterCount",
"setterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.</p>\n@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for
the cluster.",
"setterMethodName" : "setDedicatedMasterCount",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "dedicatedMasterCount",
 "variableType" : "Integer",

```

```

 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "dedicatedMasterCount",
 "variableType" : "Integer",
 "documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
},
"DedicatedMasterEnabled" : {
 "beanStyleGetterMethodName" : "getDedicatedMasterEnabled",
 "beanStyleSetterMethodName" : "setDedicatedMasterEnabled",
 "c2jName" : "DedicatedMasterEnabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean.Builder#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #dedicatedMasterEnabled(Boolean)}. \n@param dedicatedMasterEnabled a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #dedicatedMasterEnabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "dedicatedMasterEnabled",
 "fluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.</p>\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.\n@return Returns a reference to this object so that method calls can be chained

```

together.",

```
"fluentSetterMethodName" : "dedicatedMasterEnabled",
```

```
"getterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.</p>\n@return A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information."
```

```
"getterModel" : {
```

```
 "returnType" : "Boolean",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "DedicatedMasterEnabled",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "DedicatedMasterEnabled",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "BOOLEAN",
```

```
"name" : "DedicatedMasterEnabled",
```

```
"setterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.</p>\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information."
```

```
"setterMethodName" : "setDedicatedMasterEnabled",
```

```
"setterModel" : {
```

```
 "variableDeclarationType" : "Boolean",
```

```

 "variableName" : "dedicatedMasterEnabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "dedicatedMasterEnabled",
 "variableType" : "Boolean",
 "documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a
href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-
manageddomains-dedicatedmasternodes\"' target='\"_blank\"'>About Dedicated Master Nodes for more
information.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
},
"DedicatedMasterType" : {
 "beanStyleGetterMethodName" : "getDedicatedMasterTypeAsString",
 "beanStyleSetterMethodName" : "setDedicatedMasterType",
 "c2jName" : "DedicatedMasterType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p>The instance type for a dedicated master
node.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create
one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link
#dedicatedMasterTypeAsString(String) }. \n@param dedicatedMasterType a consumer that will call methods on
{ @link String.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #dedicatedMasterType(String)",
 "deprecated" : false,
 "documentation" : "<p>The instance type for a dedicated master node.</p>",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "dedicatedMasterType",
 "fluentEnumSetterMethodName" : "dedicatedMasterType",
 "fluentGetterMethodName" : "dedicatedMasterTypeAsString",
 "fluentSetterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n@param
dedicatedMasterType The instance type for a dedicated master node. \n@see ESPartitionInstanceType \n@return
Returns a reference to this object so that method calls can be chained together. \n@see ESPartitionInstanceType",
 "fluentSetterMethodName" : "dedicatedMasterType",
 "getterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #dedicatedMasterType } will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the service is available

```

```

from { @link #dedicatedMasterTypeAsString }.
@return The instance type for a dedicated master
node.
@see ESPartitionInstanceType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DedicatedMasterType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DedicatedMasterType",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DedicatedMasterType",
 "setterDocumentation" : "<p>The instance type for a dedicated master node.</p>
@param
dedicatedMasterType The instance type for a dedicated master node.
@see ESPartitionInstanceType",
 "setterMethodName" : "setDedicatedMasterType",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "dedicatedMasterType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "dedicatedMasterType",
 "variableType" : "String",

```

```

"documentation" : "<p>The instance type for a dedicated master node.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"InstanceCount" : {
"beanStyleGetterMethodName" : "getInstanceCount",
"beanStyleSetterMethodName" : "setInstanceCount",
"c2jName" : "InstanceCount",
"c2jShape" : "IntegerClass",
"defaultConsumerFluentSetterDocumentation" : "<p>The number of instances in the specified domain
cluster.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#instanceCount(Integer)}. \n@param instanceCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#instanceCount(Integer)",
"deprecated" : false,
"documentation" : "<p>The number of instances in the specified domain cluster.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceCount",
"fluentSetterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@param
instanceCount The number of instances in the specified domain cluster.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "instanceCount",
"getterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@return The
number of instances in the specified domain cluster.",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "InstanceCount",
"queryString" : false,

```

```

 "statusCode" : false,
 "unmarshallLocationName" : "InstanceCount",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "InstanceCount",
 "setterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@param
instanceCount The number of instances in the specified domain cluster.",
 "setterMethodName" : "setInstanceCount",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "instanceCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "instanceCount",
 "variableType" : "Integer",
 "documentation" : "<p>The number of instances in the specified domain cluster.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
},
"InstanceType" : {
 "beanStyleGetterMethodName" : "getInstanceTypeAsString",
 "beanStyleSetterMethodName" : "setInstanceType",
 "c2jName" : "InstanceType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #instanceTypeAsString(String)}. \n@param instanceType a consumer
that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls
can be chained together. \n@see #instanceType(String)",
 "deprecated" : false,

```



```

"documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "instanceType",
"fluentEnumSetterMethodName" : "instanceType",
"fluentGetterMethodName" : "instanceTypeAsString",
"fluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n@param instanceType
The instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType\n@return Returns a reference to this
object so that method calls can be chained together.\n@see ESPartitionInstanceType",
"fluentSetterMethodName" : "instanceType",
"getterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #instanceType} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #instanceTypeAsString}.\n</p>\n@return The instance type for an Elasticsearch cluster.\n@see
ESPartitionInstanceType",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "InstanceType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceType",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "InstanceType",
"setterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n@param instanceType The
instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType",
"setterMethodName" : "setInstanceType",

```

```

"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "instanceType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "instanceType",
 "variableType" : "String",
 "documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ZoneAwarenessEnabled" : {
 "beanStyleGetterMethodName" : "getZoneAwarenessEnabled",
 "beanStyleSetterMethodName" : "setZoneAwarenessEnabled",
 "c2jName" : "ZoneAwarenessEnabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is
enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
manageddomains.html#es-manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness for more
information.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need
to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link
#zoneAwarenessEnabled(Boolean)}. \n@param zoneAwarenessEnabled a consumer that will call methods on
{ @link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #zoneAwarenessEnabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-
manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness for more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "zoneAwarenessEnabled",
 "fluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-
manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness for more
information.</p>\n@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled.

```

See [About Zone Awareness](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-zoneawareness) for more information.

Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "zoneAwarenessEnabled",
```

```
"getterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.</p>\n@return A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information."
```

```
"getterModel" : {
```

```
 "returnType" : "Boolean",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "ZoneAwarenessEnabled",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "ZoneAwarenessEnabled",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "BOOLEAN",
```

```
"name" : "ZoneAwarenessEnabled",
```

```
"setterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.</p>\n@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information."
```

```
"setterMethodName" : "setZoneAwarenessEnabled",
```

```
"setterModel" : {
```

```
 "variableDeclarationType" : "Boolean",
```

```

 "variableName" : "zoneAwarenessEnabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "zoneAwarenessEnabled",
 "variableType" : "Boolean",
 "documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-
manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness for more information.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getInstanceTypeAsString",
 "beanStyleSetterMethodName" : "setInstanceType",
 "c2jName" : "InstanceType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #instanceTypeAsString(String)}. \n@param instanceType a consumer
that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls
can be chained together.\n@see #instanceType(String)",
 "deprecated" : false,
 "documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "instanceType",
 "fluentEnumSetterMethodName" : "instanceType",
 "fluentGetterMethodName" : "instanceTypeAsString",
 "fluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n@param instanceType
The instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType\n@return Returns a reference to this
object so that method calls can be chained together.\n@see ESPartitionInstanceType",
 "fluentSetterMethodName" : "instanceType",
 "getterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n<p>\nIf the service returns an
enum value that is not available in the current SDK version, { @link #instanceType} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #instanceTypeAsString}. \n</p>\n@return The instance type for an Elasticsearch cluster.\n@see

```

```

ESPartitionInstanceType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "InstanceType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceType",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "InstanceType",
 "setterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>\n@param instanceType The
instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType",
 "setterMethodName" : "setInstanceType",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "instanceType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "instanceType",
 "variableType" : "String",
 "documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",

```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getInstanceCount",
 "beanStyleSetterMethodName" : "setInstanceCount",
 "c2jName" : "InstanceCount",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p>The number of instances in the specified domain
cluster.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#instanceCount(Integer)}. \n@param instanceCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#instanceCount(Integer)",
 "deprecated" : false,
 "documentation" : "<p>The number of instances in the specified domain cluster.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "instanceCount",
 "fluentSetterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@param
instanceCount The number of instances in the specified domain cluster.\n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "instanceCount",
 "getterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@return The
number of instances in the specified domain cluster.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "InstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceCount",

```

```

 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "InstanceCount",
 "setterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>\n@param
instanceCount The number of instances in the specified domain cluster.",
 "setterMethodName" : "setInstanceCount",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "instanceCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "instanceCount",
 "variableType" : "Integer",
 "documentation" : "<p>The number of instances in the specified domain cluster.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDedicatedMasterEnabled",
 "beanStyleSetterMethodName" : "setDedicatedMasterEnabled",
 "c2jName" : "DedicatedMasterEnabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master
node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"_blank\">About Dedicated Master
Nodes for more information.</p>\nThis is a convenience that creates an instance of the { @link
Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link
#dedicatedMasterEnabled(Boolean)}. \n@param dedicatedMasterEnabled a consumer that will call methods on
{ @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #dedicatedMasterEnabled(Boolean)",
 "deprecated" : false,

```

"documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"\_blank\">About Dedicated Master Nodes</a> for more information.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "dedicatedMasterEnabled",

"fluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"\_blank\">About Dedicated Master Nodes</a> for more information.</p>\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"\_blank\">About Dedicated Master Nodes</a> for more information.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "dedicatedMasterEnabled",

"getterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"\_blank\">About Dedicated Master Nodes</a> for more information.</p>\n@return A boolean value to indicate whether a dedicated master node is enabled. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-manageddomains.html#es-manageddomains-dedicatedmasternodes\" target=\"\_blank\">About Dedicated Master Nodes</a> for more information.",

"getterModel" : {

"returnType" : "Boolean",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "DedicatedMasterEnabled",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "DedicatedMasterEnabled",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,



```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "DedicatedMasterEnabled",
"setterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.</p>\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.",
"setterMethodName" : "setDedicatedMasterEnabled",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "dedicatedMasterEnabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "dedicatedMasterEnabled",
 "variableType" : "Boolean",
 "documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See About Dedicated Master Nodes for more information.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getZoneAwarenessEnabled",
 "beanStyleSetterMethodName" : "setZoneAwarenessEnabled",
 "c2jName" : "ZoneAwarenessEnabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link

```

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#zoneAwarenessEnabled(Boolean)}.
@param zoneAwarenessEnabled a consumer that will call methods on
{@link Boolean.Builder}
@return Returns a reference to this object so that method calls can be chained
together.
@see #zoneAwarenessEnabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service-manageddomains.html#es-
manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness for more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "zoneAwarenessEnabled",
 "fluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service-manageddomains.html#es-
manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness for more
information.</p>
@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled.
See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service-manageddomains.html#es-
manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness for more information.
@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "zoneAwarenessEnabled",
 "getterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service-manageddomains.html#es-
manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness for more
information.</p>
@return A boolean value to indicate whether zone awareness is enabled. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service-manageddomains.html#es-
manageddomains-zoneawareness\" target=\"_blank\">About Zone Awareness for more information.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ZoneAwarenessEnabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ZoneAwarenessEnabled",
 "uri" : false
 },
 "idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "ZoneAwarenessEnabled",
"setterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.</p>\n@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.",
"setterMethodName" : "setZoneAwarenessEnabled",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "zoneAwarenessEnabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "zoneAwarenessEnabled",
 "variableType" : "Boolean",
 "documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See About Zone Awareness for more information.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDedicatedMasterTypeAsString",
 "beanStyleSetterMethodName" : "setDedicatedMasterType",
 "c2jName" : "DedicatedMasterType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p>The instance type for a dedicated master node.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.</p>\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #dedicatedMasterTypeAsString(String)}.</p>\n@param dedicatedMasterType a consumer that will call methods on { @link String.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained together.</p>\n@see #dedicatedMasterType(String)",
 "deprecated" : false,

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"documentation" : "<p>The instance type for a dedicated master node.</p>",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "dedicatedMasterType",
"fluentEnumSetterMethodName" : "dedicatedMasterType",
"fluentGetterMethodName" : "dedicatedMasterTypeAsString",
"fluentSetterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n@param
dedicatedMasterType The instance type for a dedicated master node.\n@see ESPartitionInstanceType\n@return
Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
"fluentSetterMethodName" : "dedicatedMasterType",
"getterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #dedicatedMasterType } will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the service is available
from { @link #dedicatedMasterTypeAsString }.</p>\n@return The instance type for a dedicated master
node.\n@see ESPartitionInstanceType",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DedicatedMasterType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DedicatedMasterType",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DedicatedMasterType",
"setterDocumentation" : "<p>The instance type for a dedicated master node.</p>\n@param
dedicatedMasterType The instance type for a dedicated master node.\n@see ESPartitionInstanceType",
"setterMethodName" : "setDedicatedMasterType",

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"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "dedicatedMasterType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "dedicatedMasterType",
 "variableType" : "String",
 "documentation" : "<p>The instance type for a dedicated master node.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDedicatedMasterCount",
 "beanStyleSetterMethodName" : "setDedicatedMasterCount",
 "c2jName" : "DedicatedMasterCount",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #dedicatedMasterCount(Integer)}. \n@param dedicatedMasterCount a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #dedicatedMasterCount(Integer)",
 "deprecated" : false,
 "documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "dedicatedMasterCount",
 "fluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>\n@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "dedicatedMasterCount",
 "getterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>\n@return Total number of dedicated master nodes, active and on standby, for the cluster.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null

```

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},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DedicatedMasterCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DedicatedMasterCount",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "DedicatedMasterCount",
"setterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.</p>\n@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for
the cluster.",
"setterMethodName" : "setDedicatedMasterCount",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "dedicatedMasterCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "dedicatedMasterCount",
 "variableType" : "Integer",
 "documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},

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 "xmlNamespaceUri" : null
 }],
 "requestSignerAware" : false,
 "requestSignerClassFqcn" : null,
 "required" : null,
 "shapeName" : "ElasticsearchClusterConfig",
 "simpleMethod" : false,
 "unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
 },
 "variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
 },
 "wrapper" : false
},
"ElasticsearchClusterConfigStatus" : {
 "c2jName" : "ElasticsearchClusterConfigStatus",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Specifies the configuration status for the specified Elasticsearch domain.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "ElasticsearchClusterConfig",

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"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link
#options(ElasticsearchClusterConfig)}. \n@param options a consumer that will call methods on { @link
ElasticsearchClusterConfig.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(ElasticsearchClusterConfig)",
"deprecated" : false,
"documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@return Specifies the cluster configuration for the specified Elasticsearch domain.",
"getterModel" : {
 "returnType" : "ElasticsearchClusterConfig",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,

```



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"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "options",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "options",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder}
avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the configuration for the specified Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",

```

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"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>\n@return Specifies the status of the configuration for the specified Elasticsearch domain.",
"getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the configuration for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",

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"variableType" : "OptionStatus",
"documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
"Options" : {
"beanStyleGetterMethodName" : "getOptions",
"beanStyleSetterMethodName" : "setOptions",
"c2jName" : "Options",
"c2jShape" : "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link
#options(ElasticsearchClusterConfig)}. \n@param options a consumer that will call methods on { @link
ElasticsearchClusterConfig.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(ElasticsearchClusterConfig)",
"deprecated" : false,
"documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@return Specifies the cluster configuration for the specified Elasticsearch domain.",
"getterModel" : {
"returnType" : "ElasticsearchClusterConfig",
"documentation" : null
},
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,

```

```

"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
"variableDeclarationType" : "ElasticsearchClusterConfig",
"variableName" : "options",
"variableType" : "ElasticsearchClusterConfig",
"documentation" : null,
"simpleType" : "ElasticsearchClusterConfig",
"variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ElasticsearchClusterConfig",
"variableName" : "options",
"variableType" : "ElasticsearchClusterConfig",
"documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
"simpleType" : "ElasticsearchClusterConfig",
"variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNamespaceUri" : null
},
"Status" : {
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder}
avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link

```

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#status(OptionStatus)}.n@param status a consumer that will call methods on { @link
OptionStatus.Builder}.n@return Returns a reference to this object so that method calls can be chained
together.n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>.n@param status Specifies the status of the configuration for the specified Elasticsearch
domain.n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>.n@return Specifies the status of the configuration for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>.n@param status Specifies the status of the configuration for the specified Elasticsearch domain.",

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```

"setterMethodName" : "setStatus",
"setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "ElasticsearchClusterConfig",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link
#options(ElasticsearchClusterConfig)}. \n@param options a consumer that will call methods on { @link
ElasticsearchClusterConfig.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(ElasticsearchClusterConfig)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch

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domain.</p>\n@return Specifies the cluster configuration for the specified Elasticsearch domain.",

```
"getterModel" : {
 "returnType" : "ElasticsearchClusterConfig",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
```

"setterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.",

```
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "options",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "options",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
```

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 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the configuration for the specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>\n@return Specifies the status of the configuration for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",

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 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the configuration for the specified Elasticsearch domain.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["Options", "Status"],
"shapeName" : "ElasticsearchClusterConfigStatus",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
 "variableName" : "elasticsearchClusterConfigStatus",
 "variableType" : "ElasticsearchClusterConfigStatus",
 "documentation" : null,

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 "simpleType" : "ElasticsearchClusterConfigStatus",
 "variableSetterType" : "ElasticsearchClusterConfigStatus"
 },
 "wrapper" : false
},
"ElasticsearchDomainConfig" : {
 "c2jName" : "ElasticsearchDomainConfig",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The configuration of an Elasticsearch domain.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getElasticsearchVersion",
 "beanStyleSetterMethodName" : "setElasticsearchVersion",
 "c2jName" : "ElasticsearchVersion",
 "c2jShape" : "ElasticsearchVersionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchVersionStatus.Builder} avoiding the need to create one manually via { @link
ElasticsearchVersionStatus.Builder}.\n\nWhen the { @link Consumer} completes, { @link
ElasticsearchVersionStatus.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(ElasticsearchVersionStatus)}.\n@param elasticsearchVersion a consumer that will call
methods on { @link ElasticsearchVersionStatus.Builder}\n@return Returns a reference to this object so that method
calls can be chained together.\n@see #elasticsearchVersion(ElasticsearchVersionStatus)",
 "deprecated" : false,
 "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchVersion",

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"fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@return String of format X.Y to specify version for the Elasticsearch domain.",
"getterModel" : {
 "returnType" : "ElasticsearchVersionStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersion",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchVersionStatus",
 "variableName" : "elasticsearchVersion",
 "variableType" : "ElasticsearchVersionStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchVersionStatus",
 "variableSetterType" : "ElasticsearchVersionStatus"
},
"simple" : false,
"timestampFormat" : null,

```

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"variable" : {
 "variableDeclarationType" : "ElasticsearchVersionStatus",
 "variableName" : "elasticsearchVersion",
 "variableType" : "ElasticsearchVersionStatus",
 "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
 "simpleType" : "ElasticsearchVersionStatus",
 "variableSetterType" : "ElasticsearchVersionStatus"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
 "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
 "c2jName" : "ElasticsearchClusterConfig",
 "c2jShape" : "ElasticsearchClusterConfigStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code>
for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfigStatus.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfigStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfigStatus.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)}. \n@param elasticsearchClusterConfig a consumer
that will call methods on { @link ElasticsearchClusterConfigStatus.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see
#elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchClusterConfig",
 "fluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the
Elasticsearch domain.</p>\n@param elasticsearchClusterConfig Specifies the
<code>ElasticsearchClusterConfig</code> for the Elasticsearch domain. \n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchClusterConfig",
 "getterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "ElasticsearchClusterConfigStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

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 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchClusterConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchClusterConfig",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "ElasticsearchClusterConfig",
 "setterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>\n@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.",
 "setterMethodName" : "setElasticsearchClusterConfig",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfigStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfigStatus",
 "variableSetterType" : "ElasticsearchClusterConfigStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfigStatus",
 "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>",
 "simpleType" : "ElasticsearchClusterConfigStatus",
 "variableSetterType" : "ElasticsearchClusterConfigStatus"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEbsOptions",
 "beanStyleSetterMethodName" : "setEbsOptions",
 "c2jName" : "EBSOptions",

```

```

 "c2jShape" : "EBSOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link EBSOptionsStatus.Builder}
avoiding the need to create one manually via { @link EBSOptionsStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link EBSOptionsStatus.Builder#build()} is called immediately and its result is passed to
{ @link #ebsOptions(EBSOptionsStatus)}. \n@param ebsOptions a consumer that will call methods on { @link
EBSOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #ebsOptions(EBSOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "ebsOptions",
 "fluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.</p>\n@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "ebsOptions",
 "getterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "EBSOptionsStatus",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EBSOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EBSOptions",
 "uri" : false
 },
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,

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"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"setterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.</p>\n@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
 "variableDeclarationType" : "EBSOptionsStatus",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptionsStatus",
 "documentation" : null,
 "simpleType" : "EBSOptionsStatus",
 "variableSetterType" : "EBSOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "EBSOptionsStatus",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptionsStatus",
 "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
 "simpleType" : "EBSOptionsStatus",
 "variableSetterType" : "EBSOptionsStatus"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAccessPolicies",
 "beanStyleSetterMethodName" : "setAccessPolicies",
 "c2jName" : "AccessPolicies",
 "c2jShape" : "AccessPoliciesStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\nThis
is a convenience that creates an instance of the { @link AccessPoliciesStatus.Builder} avoiding the need to create
one manually via { @link AccessPoliciesStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
AccessPoliciesStatus.Builder#build()} is called immediately and its result is passed to { @link
#accessPolicies(AccessPoliciesStatus)}. \n@param accessPolicies a consumer that will call methods on { @link
AccessPoliciesStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #accessPolicies(AccessPoliciesStatus)",
 "deprecated" : false,
 "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "accessPolicies",
 "fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string. \n@return Returns a reference to this object so that
method calls can be chained together.",

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"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy
as a JSON-formatted string.",
"getterModel" : {
 "returnType" : "AccessPoliciesStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AccessPolicies",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AccessPolicies",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
 "variableDeclarationType" : "AccessPoliciesStatus",
 "variableName" : "accessPolicies",
 "variableType" : "AccessPoliciesStatus",
 "documentation" : null,
 "simpleType" : "AccessPoliciesStatus",
 "variableSetterType" : "AccessPoliciesStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "AccessPoliciesStatus",
 "variableName" : "accessPolicies",

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 "variableType" : "AccessPoliciesStatus",
 "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
 "simpleType" : "AccessPoliciesStatus",
 "variableSetterType" : "AccessPoliciesStatus"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSnapshotOptions",
 "beanStyleSetterMethodName" : "setSnapshotOptions",
 "c2jName" : "SnapshotOptions",
 "c2jShape" : "SnapshotOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
SnapshotOptionsStatus.Builder} avoiding the need to create one manually via { @link
SnapshotOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptionsStatus)}. \n@param snapshotOptions a consumer that will call methods on
{ @link SnapshotOptionsStatus.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #snapshotOptions(SnapshotOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "snapshotOptions",
 "fluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.</p>\n@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "snapshotOptions",
 "getterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "SnapshotOptionsStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SnapshotOptions",

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 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SnapshotOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "SnapshotOptions",
 "setterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.</p>\n@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.",
 "setterMethodName" : "setSnapshotOptions",
 "setterModel" : {
 "variableDeclarationType" : "SnapshotOptionsStatus",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptionsStatus",
 "documentation" : null,
 "simpleType" : "SnapshotOptionsStatus",
 "variableSetterType" : "SnapshotOptionsStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "SnapshotOptionsStatus",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptionsStatus",
 "documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
 "simpleType" : "SnapshotOptionsStatus",
 "variableSetterType" : "SnapshotOptionsStatus"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getVpcOptions",
 "beanStyleSetterMethodName" : "setVpcOptions",
 "c2jName" : "VPCOptions",
 "c2jShape" : "VPCDerivedInfoStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain.
For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\nThis is a
convenience that creates an instance of the { @link VPCDerivedInfoStatus.Builder} avoiding the need to create one
manually via { @link VPCDerivedInfoStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
VPCDerivedInfoStatus.Builder#build()} is called immediately and its result is passed to { @link

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#vpcOptions(VPCDerivedInfoStatus)}.n@param vpcOptions a consumer that will call methods on {@link
VPCDerivedInfoStatus.Builder}n@return Returns a reference to this object so that method calls can be chained
together.n@see #vpcOptions(VPCDerivedInfoStatus)",
 "deprecated" : false,
 "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "vpcOptions",
 "fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>n@return Returns a reference to
this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "vpcOptions",
 "getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>n@return The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.",
 "getterModel" : {
 "returnType" : "VPCDerivedInfoStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VPCOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VPCOptions",
 "uri" : false
 },
 "idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.",
"setterMethodName" : "setVpcOptions",
"setterModel" : {
"variableDeclarationType" : "VPCDerivedInfoStatus",
"variableName" : "vpcOptions",
"variableType" : "VPCDerivedInfoStatus",
"documentation" : null,
"simpleType" : "VPCDerivedInfoStatus",
"variableSetterType" : "VPCDerivedInfoStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "VPCDerivedInfoStatus",
"variableName" : "vpcOptions",
"variableType" : "VPCDerivedInfoStatus",
"documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>",
"simpleType" : "VPCDerivedInfoStatus",
"variableSetterType" : "VPCDerivedInfoStatus"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified
domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptionsStatus.Builder }
avoiding the need to create one manually via { @link CognitoOptionsStatus#builder()}. \n\nWhen the { @link
Consumer } completes, { @link CognitoOptionsStatus.Builder#build() } is called immediately and its result is passed
to { @link #cognitoOptions(CognitoOptionsStatus)}. \n@param cognitoOptions a consumer that will call methods on

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{@link CognitoOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #cognitoOptions(CognitoOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "cognitoOptions",
 "fluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.\n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "cognitoOptions",
 "getterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@return The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.",
 "getterModel" : {
 "returnType" : "CognitoOptionsStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CognitoOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CognitoOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
 "variableDeclarationType" : "CognitoOptionsStatus",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptionsStatus",
 "documentation" : null,
 "simpleType" : "CognitoOptionsStatus",
 "variableSetterType" : "CognitoOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "CognitoOptionsStatus",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptionsStatus",
 "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>",
 "simpleType" : "CognitoOptionsStatus",
 "variableSetterType" : "CognitoOptionsStatus"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
 "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
 "c2jName" : "EncryptionAtRestOptions",
 "c2jShape" : "EncryptionAtRestOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code>
for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptionsStatus.Builder} avoiding the need to create one manually via { @link
EncryptionAtRestOptionsStatus#builder()}.</p>\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link
#encryptionAtRestOptions(EncryptionAtRestOptionsStatus)}.</p>\n@param encryptionAtRestOptions a consumer that
will call methods on { @link EncryptionAtRestOptionsStatus.Builder}</p>\n@return Returns a reference to this object
so that method calls can be chained together.</p>\n@see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)",

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"deprecated" : false,
"documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>\n@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the
Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.",
"getterModel" : {
 "returnType" : "EncryptionAtRestOptionsStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EncryptionAtRestOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EncryptionAtRestOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>\n@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the
Elasticsearch domain.",
"setterMethodName" : "setEncryptionAtRestOptions",

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"setterModel" : {
 "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptionsStatus",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptionsStatus",
 "variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptionsStatus",
 "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>",
 "simpleType" : "EncryptionAtRestOptionsStatus",
 "variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
 "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
 "c2jName" : "NodeToNodeEncryptionOptions",
 "c2jShape" : "NodeToNodeEncryptionOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>\nThis is a convenience that
creates an instance of the { @link NodeToNodeEncryptionOptionsStatus.Builder} avoiding the need to create one
manually via { @link NodeToNodeEncryptionOptionsStatus.Builder}. \n\nWhen the { @link Consumer}
completes, { @link NodeToNodeEncryptionOptionsStatus.Builder#build()} is called immediately and its result is
passed to { @link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)}. \n@param
nodeToNodeEncryptionOptions a consumer that will call methods on { @link
NodeToNodeEncryptionOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can
be chained together.\n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
 "fluentSetterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@param nodeToNodeEncryptionOptions Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",

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"getterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>\n@return Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.",

```
"getterModel" : {
 "returnType" : "NodeToNodeEncryptionOptionsStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NodeToNodeEncryptionOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
```

"setterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>\n@param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.",

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"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptionsStatus",
 "documentation" : null,
 "simpleType" : "NodeToNodeEncryptionOptionsStatus",
 "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
```

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 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptionsStatus",
 "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch
domain.</p>",
 "simpleType" : "NodeToNodeEncryptionOptionsStatus",
 "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
 },
 "xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAdvancedOptions",
 "beanStyleSetterMethodName" : "setAdvancedOptions",
 "c2jName" : "AdvancedOptions",
 "c2jShape" : "AdvancedOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the
domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdateddomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced
Options for more information.</p>\nThis is a convenience that creates an instance of the { @link
AdvancedOptionsStatus.Builder} avoiding the need to create one manually via { @link
AdvancedOptionsStatus.Builder#builder()}. \n\nWhen the { @link Consumer} completes, { @link
AdvancedOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(AdvancedOptionsStatus)}. \n@param advancedOptions a consumer that will call methods on
{ @link AdvancedOptionsStatus.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #advancedOptions(AdvancedOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options for more
information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "advancedOptions",
 "fluentSetterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options for more
information.</p>\n@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options for more
information. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "advancedOptions",
 "getterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options for more
information.</p>\n@return Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options for more

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information.",
 "getterModel" : {
 "returnType" : "AdvancedOptionsStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AdvancedOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AdvancedOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "AdvancedOptions",
 "setterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options for more
information.</p>\n@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options for more
information.",
 "setterMethodName" : "setAdvancedOptions",
 "setterModel" : {
 "variableDeclarationType" : "AdvancedOptionsStatus",
 "variableName" : "advancedOptions",
 "variableType" : "AdvancedOptionsStatus",
 "documentation" : null,
 "simpleType" : "AdvancedOptionsStatus",
 "variableSetterType" : "AdvancedOptionsStatus"
 },
 "simple" : false,
 "timestampFormat" : null,

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"variable" : {
 "variableDeclarationType" : "AdvancedOptionsStatus",
 "variableName" : "advancedOptions",
 "variableType" : "AdvancedOptionsStatus",
 "documentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.</p>",
 "simpleType" : "AdvancedOptionsStatus",
 "variableSetterType" : "AdvancedOptionsStatus"
},
"xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getLogPublishingOptions",
 "beanStyleSetterMethodName" : "setLogPublishingOptions",
 "c2jName" : "LogPublishingOptions",
 "c2jShape" : "LogPublishingOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\nThis is a convenience that creates an instance of the { @link LogPublishingOptionsStatus.Builder} avoiding the need to create one manually via { @link LogPublishingOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link LogPublishingOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link #logPublishingOptions(LogPublishingOptionsStatus)}. \n@param logPublishingOptions a consumer that will call methods on { @link LogPublishingOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #logPublishingOptions(LogPublishingOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Log publishing options for the given domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "logPublishingOptions",
 "fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param logPublishingOptions Log publishing options for the given domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "logPublishingOptions",
 "getterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@return Log publishing options for the given domain.",
 "getterModel" : {
 "returnType" : "LogPublishingOptionsStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

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 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LogPublishingOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LogPublishingOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "LogPublishingOptions",
 "setterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.",
 "setterMethodName" : "setLogPublishingOptions",
 "setterModel" : {
 "variableDeclarationType" : "LogPublishingOptionsStatus",
 "variableName" : "logPublishingOptions",
 "variableType" : "LogPublishingOptionsStatus",
 "documentation" : null,
 "simpleType" : "LogPublishingOptionsStatus",
 "variableSetterType" : "LogPublishingOptionsStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "LogPublishingOptionsStatus",
 "variableName" : "logPublishingOptions",
 "variableType" : "LogPublishingOptionsStatus",
 "documentation" : "<p>Log publishing options for the given domain.</p>",
 "simpleType" : "LogPublishingOptionsStatus",
 "variableSetterType" : "LogPublishingOptionsStatus"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "AccessPolicies" : {
 "beanStyleGetterMethodName" : "getAccessPolicies",
 "beanStyleSetterMethodName" : "setAccessPolicies",
 "c2jName" : "AccessPolicies",
 "c2jShape" : "AccessPoliciesStatus",

```

"defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\nThis is a convenience that creates an instance of the { @link AccessPoliciesStatus.Builder } avoiding the need to create one manually via { @link AccessPoliciesStatus#builder() }. \n\nWhen the { @link Consumer } completes, { @link AccessPoliciesStatus.Builder#build() } is called immediately and its result is passed to { @link #accessPolicies(AccessPoliciesStatus) }. \n@param accessPolicies a consumer that will call methods on { @link AccessPoliciesStatus.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #accessPolicies(AccessPoliciesStatus)",

"deprecated" : false,

"documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "accessPolicies",

"fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies IAM access policy as a JSON-formatted string. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "accessPolicies",

"getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy as a JSON-formatted string.",

"getterModel" : {

"returnType" : "AccessPoliciesStatus",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "AccessPolicies",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "AccessPolicies",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

```

"marshallingType" : "SDK_POJO",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
 "variableDeclarationType" : "AccessPoliciesStatus",
 "variableName" : "accessPolicies",
 "variableType" : "AccessPoliciesStatus",
 "documentation" : null,
 "simpleType" : "AccessPoliciesStatus",
 "variableSetterType" : "AccessPoliciesStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "AccessPoliciesStatus",
 "variableName" : "accessPolicies",
 "variableType" : "AccessPoliciesStatus",
 "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
 "simpleType" : "AccessPoliciesStatus",
 "variableSetterType" : "AccessPoliciesStatus"
},
"xmlNamespaceUri" : null
},
"AdvancedOptions" : {
 "beanStyleGetterMethodName" : "getAdvancedOptions",
 "beanStyleSetterMethodName" : "setAdvancedOptions",
 "c2jName" : "AdvancedOptions",
 "c2jShape" : "AdvancedOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the
domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdateddomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced
Options for more information.</p>\nThis is a convenience that creates an instance of the {@link
AdvancedOptionsStatus.Builder} avoiding the need to create one manually via {@link
AdvancedOptionsStatus#builder()}. \n\nWhen the {@link Consumer} completes, {@link
AdvancedOptionsStatus.Builder#build()} is called immediately and its result is passed to {@link
#advancedOptions(AdvancedOptionsStatus)}. \n@param advancedOptions a consumer that will call methods on
{@link AdvancedOptionsStatus.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #advancedOptions(AdvancedOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuring Advanced Options for more
information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

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 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "advancedOptions",
 "fluentSetterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.</p>\n@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "advancedOptions",
 "getterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.</p>\n@return Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.",
 "getterModel" : {
 "returnType" : "AdvancedOptionsStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AdvancedOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AdvancedOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "AdvancedOptions",
 "setterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a

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href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="\_blank">Configuring Advanced Options</a> for more information.</p>\n@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="\_blank">Configuring Advanced Options</a> for more information."

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"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
 "variableDeclarationType" : "AdvancedOptionsStatus",
 "variableName" : "advancedOptions",
 "variableType" : "AdvancedOptionsStatus",
 "documentation" : null,
 "simpleType" : "AdvancedOptionsStatus",
 "variableSetterType" : "AdvancedOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "AdvancedOptionsStatus",
 "variableName" : "advancedOptions",
 "variableType" : "AdvancedOptionsStatus",
 "documentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.</p>",
 "simpleType" : "AdvancedOptionsStatus",
 "variableSetterType" : "AdvancedOptionsStatus"
},
"xmlNamespaceUri" : null
},
"CognitoOptions" : {
 "beanStyleGetterMethodName" : "getCognitoOptions",
 "beanStyleSetterMethodName" : "setCognitoOptions",
 "c2jName" : "CognitoOptions",
 "c2jShape" : "CognitoOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptionsStatus.Builder} avoiding the need to create one manually via { @link CognitoOptionsStatus#builder()}.
\nWhen the { @link Consumer} completes, { @link CognitoOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link #cognitoOptions(CognitoOptionsStatus)}.
\n@param cognitoOptions a consumer that will call methods on { @link CognitoOptionsStatus.Builder}
\n@return Returns a reference to this object so that method calls can be chained together.
\n@see #cognitoOptions(CognitoOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.</p>",

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@return The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.",
"getterModel" : {
 "returnType" : "CognitoOptionsStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CognitoOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CognitoOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",

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"name" : "CognitoOptions",
"setterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
 "variableDeclarationType" : "CognitoOptionsStatus",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptionsStatus",
 "documentation" : null,
 "simpleType" : "CognitoOptionsStatus",
 "variableSetterType" : "CognitoOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "CognitoOptionsStatus",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptionsStatus",
 "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.</p>",
 "simpleType" : "CognitoOptionsStatus",
 "variableSetterType" : "CognitoOptionsStatus"
},
"xmlNamespaceUri" : null
},
"EBSOptions" : {
 "beanStyleGetterMethodName" : "getEbsOptions",
 "beanStyleSetterMethodName" : "setEbsOptions",
 "c2jName" : "EBSOptions",
 "c2jShape" : "EBSOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link EBSOptionsStatus.Builder} avoiding the need to create one manually via { @link EBSOptionsStatus#builder()}.</p>\nWhen the { @link Consumer} completes, { @link EBSOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link #ebsOptions(EBSOptionsStatus)}.</p>\n@param ebsOptions a consumer that will call methods on { @link EBSOptionsStatus.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained together.</p>\n@see #ebsOptions(EBSOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,

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 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "ebsOptions",
 "fluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.</p>\n@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "ebsOptions",
 "getterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "EBSOptionsStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EBSOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EBSOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "EBSOptions",
 "setterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.</p>\n@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch
domain.",
 "setterMethodName" : "setEbsOptions",
 "setterModel" : {
 "variableDeclarationType" : "EBSOptionsStatus",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptionsStatus",
 "documentation" : null,
 "simpleType" : "EBSOptionsStatus",
 "variableSetterType" : "EBSOptionsStatus"
 },
}

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"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "EBSOptionsStatus",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptionsStatus",
 "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
 "simpleType" : "EBSOptionsStatus",
 "variableSetterType" : "EBSOptionsStatus"
},
"xmlNamespaceUri" : null
},
"ElasticsearchClusterConfig" : {
 "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
 "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
 "c2jName" : "ElasticsearchClusterConfig",
 "c2jShape" : "ElasticsearchClusterConfigStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code>
for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfigStatus.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfigStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfigStatus.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)}. \n@param elasticsearchClusterConfig a consumer
that will call methods on { @link ElasticsearchClusterConfigStatus.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see
#elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchClusterConfig",
 "fluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the
Elasticsearch domain.</p>\n@param elasticsearchClusterConfig Specifies the
<code>ElasticsearchClusterConfig</code> for the Elasticsearch domain. \n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchClusterConfig",
 "getterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "ElasticsearchClusterConfigStatus",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,

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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchClusterConfig",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchClusterConfig",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>\n@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfigStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfigStatus",
 "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfigStatus",
 "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>",
 "simpleType" : "ElasticsearchClusterConfigStatus",
 "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"xmlNamespaceUri" : null
},

```

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"ElasticsearchVersion" : {
 "beanStyleGetterMethodName" : "getElasticsearchVersion",
 "beanStyleSetterMethodName" : "setElasticsearchVersion",
 "c2jName" : "ElasticsearchVersion",
 "c2jShape" : "ElasticsearchVersionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchVersionStatus.Builder} avoiding the need to create one manually via { @link
ElasticsearchVersionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchVersionStatus.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(ElasticsearchVersionStatus)}. \n@param elasticsearchVersion a consumer that will call
methods on { @link ElasticsearchVersionStatus.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #elasticsearchVersion(ElasticsearchVersionStatus)",
 "deprecated" : false,
 "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchVersion",
 "fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchVersion",
 "getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@return String of format X.Y to specify version for the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "ElasticsearchVersionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersion",
 "uri" : false
 },
 "idempotencyToken" : false,

```

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchVersionStatus",
 "variableName" : "elasticsearchVersion",
 "variableType" : "ElasticsearchVersionStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchVersionStatus",
 "variableSetterType" : "ElasticsearchVersionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchVersionStatus",
 "variableName" : "elasticsearchVersion",
 "variableType" : "ElasticsearchVersionStatus",
 "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
 "simpleType" : "ElasticsearchVersionStatus",
 "variableSetterType" : "ElasticsearchVersionStatus"
},
"xmlNamespaceUri" : null
},
"EncryptionAtRestOptions" : {
 "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
 "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
 "c2jName" : "EncryptionAtRestOptions",
 "c2jShape" : "EncryptionAtRestOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code>
for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptionsStatus.Builder} avoiding the need to create one manually via { @link
EncryptionAtRestOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link
#encryptionAtRestOptions(EncryptionAtRestOptionsStatus)}. \n@param encryptionAtRestOptions a consumer that
will call methods on { @link EncryptionAtRestOptionsStatus.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>",
 "enumType" : null,

```



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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the
Elasticsearch domain.</p>\n@param encryptionAtRestOptions Specifies the
<code>EncryptionAtRestOptions</code> for the Elasticsearch domain.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.",
"getterModel" : {
 "returnType" : "EncryptionAtRestOptionsStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EncryptionAtRestOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EncryptionAtRestOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>\n@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the
Elasticsearch domain.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
 "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
 "variableName" : "encryptionAtRestOptions",

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 "variableType" : "EncryptionAtRestOptionsStatus",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptionsStatus",
 "variableSetterType" : "EncryptionAtRestOptionsStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptionsStatus",
 "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>",
 "simpleType" : "EncryptionAtRestOptionsStatus",
 "variableSetterType" : "EncryptionAtRestOptionsStatus"
 },
 "xmlNamespaceUri" : null
},
"LogPublishingOptions" : {
 "beanStyleGetterMethodName" : "getLogPublishingOptions",
 "beanStyleSetterMethodName" : "setLogPublishingOptions",
 "c2jName" : "LogPublishingOptions",
 "c2jShape" : "LogPublishingOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\nThis
is a convenience that creates an instance of the { @link LogPublishingOptionsStatus.Builder} avoiding the need to
create one manually via { @link LogPublishingOptionsStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link LogPublishingOptionsStatus.Builder#build()} is called immediately and its result is passed to
{ @link #logPublishingOptions(LogPublishingOptionsStatus)}. \n@param logPublishingOptions a consumer that
will call methods on { @link LogPublishingOptionsStatus.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #logPublishingOptions(LogPublishingOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Log publishing options for the given domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "logPublishingOptions",
 "fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.\n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "logPublishingOptions",
 "getterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@return Log publishing
options for the given domain.",
 "getterModel" : {
 "returnType" : "LogPublishingOptionsStatus",
 "documentation" : null
 }
},

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"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LogPublishingOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LogPublishingOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.",
"setterMethodName" : "setLogPublishingOptions",
"setterModel" : {
 "variableDeclarationType" : "LogPublishingOptionsStatus",
 "variableName" : "logPublishingOptions",
 "variableType" : "LogPublishingOptionsStatus",
 "documentation" : null,
 "simpleType" : "LogPublishingOptionsStatus",
 "variableSetterType" : "LogPublishingOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "LogPublishingOptionsStatus",
 "variableName" : "logPublishingOptions",
 "variableType" : "LogPublishingOptionsStatus",
 "documentation" : "<p>Log publishing options for the given domain.</p>",
 "simpleType" : "LogPublishingOptionsStatus",
 "variableSetterType" : "LogPublishingOptionsStatus"
},
"xmlNamespaceUri" : null
},

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"NodeToNodeEncryptionOptions" : {
 "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
 "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
 "c2jName" : "NodeToNodeEncryptionOptions",
 "c2jShape" : "NodeToNodeEncryptionOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>\nThis is a convenience that
creates an instance of the { @link NodeToNodeEncryptionOptionsStatus.Builder} avoiding the need to create one
manually via { @link NodeToNodeEncryptionOptionsStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link NodeToNodeEncryptionOptionsStatus.Builder#build()} is called immediately and its result is
passed to { @link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)}. \n@param
nodeToNodeEncryptionOptions a consumer that will call methods on { @link
NodeToNodeEncryptionOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can
be chained together.\n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
 "fluentSetterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@param nodeToNodeEncryptionOptions Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
 "getterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@return Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "NodeToNodeEncryptionOptionsStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NodeToNodeEncryptionOptions",
 "queryString" : false,
 "statusCode" : false,

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 "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "NodeToNodeEncryptionOptions",
 "setterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@param nodeToNodeEncryptionOptions Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.",
 "setterMethodName" : "setNodeToNodeEncryptionOptions",
 "setterModel" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptionsStatus",
 "documentation" : null,
 "simpleType" : "NodeToNodeEncryptionOptionsStatus",
 "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptionsStatus",
 "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch
domain.</p>",
 "simpleType" : "NodeToNodeEncryptionOptionsStatus",
 "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
 },
 "xmlNamespaceUri" : null
},
"SnapshotOptions" : {
 "beanStyleGetterMethodName" : "getSnapshotOptions",
 "beanStyleSetterMethodName" : "setSnapshotOptions",
 "c2jName" : "SnapshotOptions",
 "c2jShape" : "SnapshotOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
SnapshotOptionsStatus.Builder} avoiding the need to create one manually via { @link
SnapshotOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptionsStatus)}. \n@param snapshotOptions a consumer that will call methods on

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{ @link SnapshotOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #snapshotOptions(SnapshotOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "snapshotOptions",
 "fluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.</p>\n@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "snapshotOptions",
 "getterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "SnapshotOptionsStatus",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SnapshotOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SnapshotOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.</p>\n@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.",

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"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
 "variableDeclarationType" : "SnapshotOptionsStatus",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptionsStatus",
 "documentation" : null,
 "simpleType" : "SnapshotOptionsStatus",
 "variableSetterType" : "SnapshotOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "SnapshotOptionsStatus",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptionsStatus",
 "documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
 "simpleType" : "SnapshotOptionsStatus",
 "variableSetterType" : "SnapshotOptionsStatus"
},
"xmlNamespaceUri" : null
},
"VPCOptions" : {
 "beanStyleGetterMethodName" : "getVpcOptions",
 "beanStyleSetterMethodName" : "setVpcOptions",
 "c2jName" : "VPCOptions",
 "c2jShape" : "VPCDerivedInfoStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfoStatus.Builder} avoiding the need to create one manually via { @link VPCDerivedInfoStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCDerivedInfoStatus.Builder#build()} is called immediately and its result is passed to { @link #vpcOptions(VPCDerivedInfoStatus)}. \n@param vpcOptions a consumer that will call methods on { @link VPCDerivedInfoStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #vpcOptions(VPCDerivedInfoStatus)",
 "deprecated" : false,
 "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "vpcOptions",
 "fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\n@param vpcOptions The

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`VPCOptions` for the specified domain. For more information, see [VPC Endpoints for Amazon Elasticsearch Service Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html).  
Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "vpcOptions",

"getterDocumentation" : "<p>The `VPCOptions` for the specified domain. For more information, see [VPC Endpoints for Amazon Elasticsearch Service Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html)</p>".  
Returns The `VPCOptions` for the specified domain. For more information, see [VPC Endpoints for Amazon Elasticsearch Service Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html).

"getterModel" : {

"returnType" : "VPCDerivedInfoStatus",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "VPCOptions",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "VPCOptions",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK\_POJO",

"name" : "VPCOptions",

"setterDocumentation" : "<p>The `VPCOptions` for the specified domain. For more information, see [VPC Endpoints for Amazon Elasticsearch Service Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html)</p>".  
param vpcOptions The `VPCOptions` for the specified domain. For more information, see [VPC Endpoints for Amazon Elasticsearch Service Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html).

"setterMethodName" : "setVpcOptions",

"setterModel" : {



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 "variableDeclarationType" : "VPCDerivedInfoStatus",
 "variableName" : "vpcOptions",
 "variableType" : "VPCDerivedInfoStatus",
 "documentation" : null,
 "simpleType" : "VPCDerivedInfoStatus",
 "variableSetterType" : "VPCDerivedInfoStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "VPCDerivedInfoStatus",
 "variableName" : "vpcOptions",
 "variableType" : "VPCDerivedInfoStatus",
 "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>",
 "simpleType" : "VPCDerivedInfoStatus",
 "variableSetterType" : "VPCDerivedInfoStatus"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getElasticsearchVersion",
 "beanStyleSetterMethodName" : "setElasticsearchVersion",
 "c2jName" : "ElasticsearchVersion",
 "c2jShape" : "ElasticsearchVersionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchVersionStatus.Builder} avoiding the need to create one manually via { @link
ElasticsearchVersionStatus.Builder#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchVersionStatus.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(ElasticsearchVersionStatus)}. \n@param elasticsearchVersion a consumer that will call
methods on { @link ElasticsearchVersionStatus.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #elasticsearchVersion(ElasticsearchVersionStatus)",
 "deprecated" : false,
 "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchVersion",
 "fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchVersion",
 "getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch

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domain.</p>\n@return String of format X.Y to specify version for the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "ElasticsearchVersionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersion",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "ElasticsearchVersion",
 "setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain.",
 "setterMethodName" : "setElasticsearchVersion",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchVersionStatus",
 "variableName" : "elasticsearchVersion",
 "variableType" : "ElasticsearchVersionStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchVersionStatus",
 "variableSetterType" : "ElasticsearchVersionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchVersionStatus",
 "variableName" : "elasticsearchVersion",
 "variableType" : "ElasticsearchVersionStatus",
 "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",

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 "simpleType" : "ElasticsearchVersionStatus",
 "variableSetterType" : "ElasticsearchVersionStatus"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
 "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
 "c2jName" : "ElasticsearchClusterConfig",
 "c2jShape" : "ElasticsearchClusterConfigStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code>
for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfigStatus.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfigStatus#builder()}. \nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfigStatus.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)}. \n@param elasticsearchClusterConfig a consumer
that will call methods on { @link ElasticsearchClusterConfigStatus.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see
#elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchClusterConfig",
 "fluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the
Elasticsearch domain.</p>\n@param elasticsearchClusterConfig Specifies the
<code>ElasticsearchClusterConfig</code> for the Elasticsearch domain. \n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchClusterConfig",
 "getterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "ElasticsearchClusterConfigStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",

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"marshallLocationName" : "ElasticsearchClusterConfig",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchClusterConfig",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>\n@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfigStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfigStatus",
 "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfigStatus",
 "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>",
 "simpleType" : "ElasticsearchClusterConfigStatus",
 "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEbsOptions",
 "beanStyleSetterMethodName" : "setEbsOptions",
 "c2jName" : "EBSOptions",
 "c2jShape" : "EBSOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link EBSOptionsStatus.Builder} avoiding the need to create one manually via { @link EBSOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link EBSOptionsStatus.Builder#build()} is called immediately and its result is passed to

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{ @link #ebsOptions(EBSOptionsStatus)}. \n@param ebsOptions a consumer that will call methods on { @link EBSOptionsStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #ebsOptions(EBSOptionsStatus)",

```
"deprecated" : false,
"documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>\n@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "ebsOptions",
"getterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>\n@return Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
"getterModel" : {
 "returnType" : "EBSOptionsStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EBSOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EBSOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"setterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>\n@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
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"setterMethodName" : "setEbsOptions",
"setterModel" : {
 "variableDeclarationType" : "EBSOptionsStatus",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptionsStatus",
 "documentation" : null,
 "simpleType" : "EBSOptionsStatus",
 "variableSetterType" : "EBSOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "EBSOptionsStatus",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptionsStatus",
 "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
 "simpleType" : "EBSOptionsStatus",
 "variableSetterType" : "EBSOptionsStatus"
},
"xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAccessPolicies",
 "beanStyleSetterMethodName" : "setAccessPolicies",
 "c2jName" : "AccessPolicies",
 "c2jShape" : "AccessPoliciesStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\nThis is a convenience that creates an instance of the { @link AccessPoliciesStatus.Builder} avoiding the need to create one manually via { @link AccessPoliciesStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link AccessPoliciesStatus.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(AccessPoliciesStatus)}. \n\n@param accessPolicies a consumer that will call methods on { @link AccessPoliciesStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #accessPolicies(AccessPoliciesStatus)",
 "deprecated" : false,
 "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "accessPolicies",
 "fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n\n@param accessPolicies IAM access policy as a JSON-formatted string.\n\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "accessPolicies",
 "getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n\n@return IAM access policy as a JSON-formatted string.",
 "getterModel" : {
 "returnType" : "AccessPoliciesStatus",

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 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AccessPolicies",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AccessPolicies",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "AccessPolicies",
 "setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
 "setterMethodName" : "setAccessPolicies",
 "setterModel" : {
 "variableDeclarationType" : "AccessPoliciesStatus",
 "variableName" : "accessPolicies",
 "variableType" : "AccessPoliciesStatus",
 "documentation" : null,
 "simpleType" : "AccessPoliciesStatus",
 "variableSetterType" : "AccessPoliciesStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "AccessPoliciesStatus",
 "variableName" : "accessPolicies",
 "variableType" : "AccessPoliciesStatus",
 "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
 "simpleType" : "AccessPoliciesStatus",
 "variableSetterType" : "AccessPoliciesStatus"
 },
}

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"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSnapshotOptions",
 "beanStyleSetterMethodName" : "setSnapshotOptions",
 "c2jName" : "SnapshotOptions",
 "c2jShape" : "SnapshotOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the {@link
SnapshotOptionsStatus.Builder} avoiding the need to create one manually via {@link
SnapshotOptionsStatus#builder()}. \n\nWhen the {@link Consumer} completes, {@link
SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to {@link
#snapshotOptions(SnapshotOptionsStatus)}. \n@param snapshotOptions a consumer that will call methods on
{@link SnapshotOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #snapshotOptions(SnapshotOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "snapshotOptions",
 "fluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.</p>\n@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "snapshotOptions",
 "getterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch
domain.</p>\n@return Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "SnapshotOptionsStatus",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SnapshotOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SnapshotOptions",
 "uri" : false
},

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>\n@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
 "variableDeclarationType" : "SnapshotOptionsStatus",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptionsStatus",
 "documentation" : null,
 "simpleType" : "SnapshotOptionsStatus",
 "variableSetterType" : "SnapshotOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "SnapshotOptionsStatus",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptionsStatus",
 "documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
 "simpleType" : "SnapshotOptionsStatus",
 "variableSetterType" : "SnapshotOptionsStatus"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getVpcOptions",
 "beanStyleSetterMethodName" : "setVpcOptions",
 "c2jName" : "VPCOptions",
 "c2jShape" : "VPCDerivedInfoStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfoStatus.Builder} avoiding the need to create one manually via { @link VPCDerivedInfoStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCDerivedInfoStatus.Builder#build()} is called immediately and its result is passed to { @link #vpcOptions(VPCDerivedInfoStatus)}. \n\n@param vpcOptions a consumer that will call methods on { @link VPCDerivedInfoStatus.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #vpcOptions(VPCDerivedInfoStatus)",
 "deprecated" : false,
 "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a

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href=\http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\",
 \"enumType\" : null,
 \"eventHeader\" : false,
 \"eventPayload\" : false,
 \"fluentEnumGetterMethodName\" : null,
 \"fluentEnumSetterMethodName\" : null,
 \"fluentGetterMethodName\" : \"vpcOptions\",
 \"fluentSetterDocumentation\" : \"<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.\n@return Returns a reference to
this object so that method calls can be chained together.\"\",
 \"fluentSetterMethodName\" : \"vpcOptions\",
 \"getterDocumentation\" : \"<p>The <code>VPCOptions</code> for the specified domain. For more information,
see <a href=\http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\n@return The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.\",
 \"getterModel\" : {
 \"returnType\" : \"VPCDerivedInfoStatus\",
 \"documentation\" : null
 },
 \"http\" : {
 \"additionalMarshallingPath\" : null,
 \"additionalUnmarshallingPath\" : null,
 \"flattened\" : false,
 \"greedy\" : false,
 \"header\" : false,
 \"isPayload\" : false,
 \"isStreaming\" : false,
 \"location\" : null,
 \"marshallLocation\" : \"PAYLOAD\",
 \"marshallLocationName\" : \"VPCOptions\",
 \"queryString\" : false,
 \"statusCode\" : false,
 \"unmarshallLocationName\" : \"VPCOptions\",
 \"uri\" : false
 },
 \"idempotencyToken\" : false,
 \"isBinary\" : false,
 \"jsonValue\" : false,
 \"list\" : false,
 \"listModel\" : null,
 \"map\" : false,

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"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.",
"setterMethodName" : "setVpcOptions",
"setterModel" : {
 "variableDeclarationType" : "VPCDerivedInfoStatus",
 "variableName" : "vpcOptions",
 "variableType" : "VPCDerivedInfoStatus",
 "documentation" : null,
 "simpleType" : "VPCDerivedInfoStatus",
 "variableSetterType" : "VPCDerivedInfoStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "VPCDerivedInfoStatus",
 "variableName" : "vpcOptions",
 "variableType" : "VPCDerivedInfoStatus",
 "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>",
 "simpleType" : "VPCDerivedInfoStatus",
 "variableSetterType" : "VPCDerivedInfoStatus"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getCognitoOptions",
 "beanStyleSetterMethodName" : "setCognitoOptions",
 "c2jName" : "CognitoOptions",
 "c2jShape" : "CognitoOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified
domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptionsStatus.Builder}
avoiding the need to create one manually via { @link CognitoOptionsStatus#builder()}. \n\nWhen the { @link
Consumer} completes, { @link CognitoOptionsStatus.Builder#build()} is called immediately and its result is passed
to { @link #cognitoOptions(CognitoOptionsStatus)}. \n@param cognitoOptions a consumer that will call methods on
{ @link CognitoOptionsStatus.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #cognitoOptions(CognitoOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"

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target="_blank">Amazon Cognito Authentication for Kibana.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "cognitoOptions",
 "fluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.\n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "cognitoOptions",
 "getterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@return The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.",
 "getterModel" : {
 "returnType" : "CognitoOptionsStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CognitoOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CognitoOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,

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"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
 "variableDeclarationType" : "CognitoOptionsStatus",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptionsStatus",
 "documentation" : null,
 "simpleType" : "CognitoOptionsStatus",
 "variableSetterType" : "CognitoOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "CognitoOptionsStatus",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptionsStatus",
 "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>",
 "simpleType" : "CognitoOptionsStatus",
 "variableSetterType" : "CognitoOptionsStatus"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
 "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
 "c2jName" : "EncryptionAtRestOptions",
 "c2jShape" : "EncryptionAtRestOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code>
for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptionsStatus.Builder} avoiding the need to create one manually via { @link
EncryptionAtRestOptionsStatus#builder()}.</p>\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link
#encryptionAtRestOptions(EncryptionAtRestOptionsStatus)}.</p>\n@param encryptionAtRestOptions a consumer that
will call methods on { @link EncryptionAtRestOptionsStatus.Builder}</p>\n@return Returns a reference to this object
so that method calls can be chained together.</p>\n@see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,

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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>\n@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>\n@return Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.",
"getterModel" : {
 "returnType" : "EncryptionAtRestOptionsStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EncryptionAtRestOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EncryptionAtRestOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>\n@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
 "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptionsStatus",
 "documentation" : null,

```

```

 "simpleType" : "EncryptionAtRestOptionsStatus",
 "variableSetterType" : "EncryptionAtRestOptionsStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptionsStatus",
 "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>",
 "simpleType" : "EncryptionAtRestOptionsStatus",
 "variableSetterType" : "EncryptionAtRestOptionsStatus"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
 "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
 "c2jName" : "NodeToNodeEncryptionOptions",
 "c2jShape" : "NodeToNodeEncryptionOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>\nThis is a convenience that
creates an instance of the { @link NodeToNodeEncryptionOptionsStatus.Builder} avoiding the need to create one
manually via { @link NodeToNodeEncryptionOptionsStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link NodeToNodeEncryptionOptionsStatus.Builder#build()} is called immediately and its result is
passed to { @link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)}. \n@param
nodeToNodeEncryptionOptions a consumer that will call methods on { @link
NodeToNodeEncryptionOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can
be chained together.\n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
 "fluentSetterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@param nodeToNodeEncryptionOptions Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
 "getterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@return Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "NodeToNodeEncryptionOptionsStatus",

```

```

"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NodeToNodeEncryptionOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the
Elasticsearch domain.</p>\n@param nodeToNodeEncryptionOptions Specifies the
<code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.",
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptionsStatus",
 "documentation" : null,
 "simpleType" : "NodeToNodeEncryptionOptionsStatus",
 "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptionsStatus",
 "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch
domain.</p>",
 "simpleType" : "NodeToNodeEncryptionOptionsStatus",

```



```

 "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAdvancedOptions",
 "beanStyleSetterMethodName" : "setAdvancedOptions",
 "c2jName" : "AdvancedOptions",
 "c2jShape" : "AdvancedOptionsStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.</p>\nThis is a convenience that creates an instance of the { @link AdvancedOptionsStatus.Builder} avoiding the need to create one manually via { @link AdvancedOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link AdvancedOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(AdvancedOptionsStatus)}. \n@param advancedOptions a consumer that will call methods on { @link AdvancedOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #advancedOptions(AdvancedOptionsStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "advancedOptions",
 "fluentSetterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.</p>\n@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "advancedOptions",
 "getterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.</p>\n@return Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.",
 "getterModel" : {
 "returnType" : "AdvancedOptionsStatus",
 "documentation" : null
 },
}

```

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"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AdvancedOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AdvancedOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.</p>\n@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See Configuring Advanced Options for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
 "variableDeclarationType" : "AdvancedOptionsStatus",
 "variableName" : "advancedOptions",
 "variableType" : "AdvancedOptionsStatus",
 "documentation" : null,
 "simpleType" : "AdvancedOptionsStatus",
 "variableSetterType" : "AdvancedOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "AdvancedOptionsStatus",
 "variableName" : "advancedOptions",
 "variableType" : "AdvancedOptionsStatus",
 "documentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a

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href=\\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"\_blank\">Configuring Advanced Options</a> for more information.</p>

```
"simpleType" : "AdvancedOptionsStatus",
"variableSetterType" : "AdvancedOptionsStatus"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getLogPublishingOptions",
"beanStyleSetterMethodName" : "setLogPublishingOptions",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\nThis is a convenience that creates an instance of the { @link LogPublishingOptionsStatus.Builder} avoiding the need to create one manually via { @link LogPublishingOptionsStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link LogPublishingOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link #logPublishingOptions(LogPublishingOptionsStatus)}. \n@param logPublishingOptions a consumer that will call methods on { @link LogPublishingOptionsStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #logPublishingOptions(LogPublishingOptionsStatus)",
"deprecated" : false,
"documentation" : "<p>Log publishing options for the given domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "logPublishingOptions",
"fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param logPublishingOptions Log publishing options for the given domain. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "logPublishingOptions",
"getterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@return Log publishing options for the given domain.",
"getterModel" : {
"returnType" : "LogPublishingOptionsStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LogPublishingOptions",
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 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LogPublishingOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "LogPublishingOptions",
 "setterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.",
 "setterMethodName" : "setLogPublishingOptions",
 "setterModel" : {
 "variableDeclarationType" : "LogPublishingOptionsStatus",
 "variableName" : "logPublishingOptions",
 "variableType" : "LogPublishingOptionsStatus",
 "documentation" : null,
 "simpleType" : "LogPublishingOptionsStatus",
 "variableSetterType" : "LogPublishingOptionsStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "LogPublishingOptionsStatus",
 "variableName" : "logPublishingOptions",
 "variableType" : "LogPublishingOptionsStatus",
 "documentation" : "<p>Log publishing options for the given domain.</p>",
 "simpleType" : "LogPublishingOptionsStatus",
 "variableSetterType" : "LogPublishingOptionsStatus"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,
"shapeName" : "ElasticsearchDomainConfig",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",

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"variableName" : "elasticsearchDomainConfig",
"variableType" : "ElasticsearchDomainConfig",
"documentation" : null,
"simpleType" : "ElasticsearchDomainConfig",
"variableSetterType" : "ElasticsearchDomainConfig"
},
"wrapper" : false
},
"ElasticsearchDomainStatus" : {
"c2jName" : "ElasticsearchDomainStatus",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>The current status of an Elasticsearch domain.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
"beanStyleGetterMethodName" : "getDomainId",
"beanStyleSetterMethodName" : "setDomainId",
"c2jName" : "DomainId",
"c2jShape" : "DomainId",
"defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainId(String)}. \n@param domainId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainId(String)",
"deprecated" : false,
"documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,

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 "fluentGetterMethodName" : "domainId",
 "fluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@param
domainId The unique identifier for the specified Elasticsearch domain.\n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainId",
 "getterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@return The
unique identifier for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainId",
 "setterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@param
domainId The unique identifier for the specified Elasticsearch domain.",
 "setterMethodName" : "setDomainId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,

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"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainId",
 "variableType" : "String",
 "documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@return The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
}

```

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 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains

```



owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).

```
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getArn",
"beanStyleSetterMethodName" : "setArn",
"c2jName" : "ARN",
"c2jShape" : "ARN",
"defaultConsumerFluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #arn(String)",
"deprecated" : false,
"documentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "arn",
"getterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@return The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
```

```

},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ARN",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ARN",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.",
"setterMethodName" : "setArn",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",

```

```

"documentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getCreated",
 "beanStyleSetterMethodName" : "setCreated",
 "c2jName" : "Created",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #created(Boolean)}. \n@param created a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #created(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "created",
 "fluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@param created The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "created",
 "getterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@return The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

```

```

 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Created",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Created",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "BOOLEAN",
 "name" : "Created",
 "setterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@param created
The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress.",
 "setterMethodName" : "setCreated",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "created",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "created",
 "variableType" : "Boolean",
 "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch
domain is complete. <code>False</code> if domain creation is still in progress.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDeleted",
 "beanStyleSetterMethodName" : "setDeleted",

```

```

 "c2jName" : "Deleted",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a
delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the
domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer
returned.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #deleted(Boolean)}. \n@param
deleted a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #deleted(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received
for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted.
Once domain deletion is complete, the status of the domain is no longer returned.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "deleted",
 "fluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been
received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been
deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@param deleted
The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource
cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is
complete, the status of the domain is no longer returned.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "deleted",
 "getterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been
received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been
deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@return The
domain deletion status. <code>True</code> if a delete request has been received for the domain but resource
cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is
complete, the status of the domain is no longer returned.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",

```

```

 "marshallLocationName" : "Deleted",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Deleted",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "BOOLEAN",
 "name" : "Deleted",
 "setterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@param deleted The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.",
 "setterMethodName" : "setDeleted",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "deleted",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "deleted",
 "variableType" : "Boolean",
 "documentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEndpoint",
 "beanStyleSetterMethodName" : "setEndpoint",
 "c2jName" : "Endpoint",
 "c2jShape" : "ServiceUrl",

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"defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit
index and search requests.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#endpoint(String)}. \n@param endpoint a consumer that will call methods on { @link String.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #endpoint(String)",
"deprecated" : false,
"documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "endpoint",
"fluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search
requests.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "endpoint",
"getterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>\n@return The Elasticsearch domain endpoint that you use to submit index and search requests.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Endpoint",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Endpoint",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,

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"marshallingType" : "STRING",
"name" : "Endpoint",
"setterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.",
"setterMethodName" : "setEndpoint",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "endpoint",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "endpoint",
 "variableType" : "String",
 "documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEndpoints",
 "beanStyleSetterMethodName" : "setEndpoints",
 "c2jName" : "Endpoints",
 "c2jShape" : "EndpointsMap",
 "defaultConsumerFluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\nThis is a convenience that creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #endpoints(Map<String,String>)}. \n@param endpoints a consumer that will call methods on { @link Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #endpoints(Map<String,String>)",
 "deprecated" : false,
 "documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,

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 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "endpoints",
 "fluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index
and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\n@param endpoints Map containing the
Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>:
<code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.\n@return Returns
a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "endpoints",
 "getterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and
search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-
east-1.es.amazonaws.com'</code>.</p>\n<p>\nAttempts to modify the collection returned by this method will result
in an UnsupportedOperationException.\n</p>\n@return Map containing the Elasticsearch domain endpoints used to
submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,String>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Endpoints",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Endpoints",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : true,
 "mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",

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 "c2jName" : "key",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n\n@param key a consumer that will call methods on
{ @link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n\n@return The value of the
Key property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,

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"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "ServiceUrl",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called
immediately and its result is passed to {@link #value(String)}. \n\n@param value a consumer that will call methods on
{@link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n\n@return Returns a reference to this object so that method calls can

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be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",

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 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Endpoints",
"setterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\n@param endpoints Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",
"setterMethodName" : "setEndpoints",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "endpoints",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "endpoints",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>",
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getProcessing",
 "beanStyleSetterMethodName" : "setProcessing",
 "c2jName" : "Processing",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder}

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avoiding the need to create one manually via `{ @link Boolean#builder() }`.  
When the `{ @link Consumer }` completes, `{ @link Boolean.Builder#build() }` is called immediately and its result is passed to `{ @link #processing(Boolean) }`.  
`@param` processing a consumer that will call methods on `{ @link Boolean.Builder }`.  
`@return` Returns a reference to this object so that method calls can be chained together.  
`@see #processing(Boolean)`,

"deprecated" : false,

"documentation" : "<p>The status of the Elasticsearch domain configuration. `<code>True</code>` if Amazon Elasticsearch Service is processing configuration changes. `<code>False</code>` if the configuration is active.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "processing",

"fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain configuration. `<code>True</code>` if Amazon Elasticsearch Service is processing configuration changes. `<code>False</code>` if the configuration is active.</p>  
`@param` processing The status of the Elasticsearch domain configuration. `<code>True</code>` if Amazon Elasticsearch Service is processing configuration changes. `<code>False</code>` if the configuration is active.  
`@return` Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "processing",

"getterDocumentation" : "<p>The status of the Elasticsearch domain configuration. `<code>True</code>` if Amazon Elasticsearch Service is processing configuration changes. `<code>False</code>` if the configuration is active.</p>  
`@return` The status of the Elasticsearch domain configuration. `<code>True</code>` if Amazon Elasticsearch Service is processing configuration changes. `<code>False</code>` if the configuration is active.",

"getterModel" : {  
  "returnType" : "Boolean",  
  "documentation" : null

},

"http" : {

  "additionalMarshallingPath" : null,

  "additionalUnmarshallingPath" : null,

  "flattened" : false,

  "greedy" : false,

  "header" : false,

  "isPayload" : false,

  "isStreaming" : false,

  "location" : null,

  "marshallLocation" : "PAYLOAD",

  "marshallLocationName" : "Processing",

  "queryString" : false,

  "statusCode" : false,

  "unmarshallLocationName" : "Processing",

  "uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Processing",
"setterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>\n@param processing The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.",
"setterMethodName" : "setProcessing",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "processing",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "processing",
 "variableType" : "Boolean",
 "documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpgradeProcessing",
 "beanStyleSetterMethodName" : "setUpgradeProcessing",
 "c2jName" : "UpgradeProcessing",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #upgradeProcessing(Boolean)}. \n@param upgradeProcessing a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #upgradeProcessing(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>",
 "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeProcessing",
"fluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code>
if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>\n@param upgradeProcessing The status of an Elasticsearch domain version upgrade.
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the
configuration is active.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "upgradeProcessing",
"getterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if
Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>\n@return The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon
Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeProcessing",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeProcessing",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpgradeProcessing",
"setterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if
Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>\n@param upgradeProcessing The status of an Elasticsearch domain version upgrade.
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the

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configuration is active.",
 "setterMethodName" : "setUpgradeProcessing",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "upgradeProcessing",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "upgradeProcessing",
 "variableType" : "Boolean",
 "documentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if
Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchVersion",
 "beanStyleSetterMethodName" : "setElasticsearchVersion",
 "c2jName" : "ElasticsearchVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#elasticsearchVersion(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchVersion",
 "fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param
elasticsearchVersion The new value for the ElasticsearchVersion property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchVersion",
 "getterDocumentation" : "Returns the value of the ElasticsearchVersion property for this object.\n@return The

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value of the ElasticsearchVersion property for this object.",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersion",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
```

"setterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param  
elasticsearchVersion The new value for the ElasticsearchVersion property for this object.",

```
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : ""
```

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 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
 "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
 "c2jName" : "ElasticsearchClusterConfig",
 "c2jShape" : "ElasticsearchClusterConfig",
 "defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances in the domain
cluster.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder}
avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is
passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a
consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to
this object so that method calls can be chained together. \n@see
#elasticsearchClusterConfig(ElasticsearchClusterConfig)",
 "deprecated" : false,
 "documentation" : "<p>The type and number of instances in the domain cluster.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchClusterConfig",
 "fluentSetterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@param
elasticsearchClusterConfig The type and number of instances in the domain cluster. \n@return Returns a reference to
this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchClusterConfig",
 "getterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@return The type
and number of instances in the domain cluster.",
 "getterModel" : {
 "returnType" : "ElasticsearchClusterConfig",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchClusterConfig",
 "queryString" : false,
 "statusCode" : false,

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 "unmarshallLocationName" : "ElasticsearchClusterConfig",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "ElasticsearchClusterConfig",
 "setterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@param
elasticsearchClusterConfig The type and number of instances in the domain cluster.",
 "setterMethodName" : "setElasticsearchClusterConfig",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : "<p>The type and number of instances in the domain cluster.</p>",
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEbsOptions",
 "beanStyleSetterMethodName" : "setEbsOptions",
 "c2jName" : "EBSOptions",
 "c2jShape" : "EBSOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain.
See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage
for more information.</p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder}
avoiding the need to create one manually via { @link EBSOptions.Builder}.</p>\nWhen the { @link Consumer}
completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link
#ebsOptions(EBSOptions)}.</p>\n@param ebsOptions a consumer that will call methods on { @link
EBSOptions.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained
together.</p>\n@see #ebsOptions(EBSOptions)",

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 "deprecated" : false,
 "documentation" : "<p>The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "ebsOptions",
 "fluentSetterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.</p>\n@param ebsOptions The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "ebsOptions",
 "getterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.</p>\n@return The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.",
 "getterModel" : {
 "returnType" : "EBSOptions",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EBSOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EBSOptions",
 "uri" : false
 },
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,

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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"setterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.</p>\n@param ebsOptions The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : null,
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : "<p>The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.</p>",
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAccessPolicies",
 "beanStyleSetterMethodName" : "setAccessPolicies",
 "c2jName" : "AccessPolicies",
 "c2jShape" : "PolicyDocument",
 "defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #accessPolicies(String)",
 "deprecated" : false,
 "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
 "enumType" : null,
 "eventHeader" : false,

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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy
as a JSON-formatted string.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AccessPolicies",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AccessPolicies",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",

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 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSnapshotOptions",
 "beanStyleSetterMethodName" : "setSnapshotOptions",
 "c2jName" : "SnapshotOptions",
 "c2jShape" : "SnapshotOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>SnapshotOptions</code></p>\nThis is a convenience that creates an instance of the { @link
SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "snapshotOptions",
 "fluentSetterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code>\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "snapshotOptions",
 "getterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@return
Specifies the status of the <code>SnapshotOptions</code>",
 "getterModel" : {
 "returnType" : "SnapshotOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```



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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SnapshotOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SnapshotOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "SnapshotOptions",
 "setterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code>",
 "setterMethodName" : "setSnapshotOptions",
 "setterModel" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : null,
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getVpcOptions",
 "beanStyleSetterMethodName" : "setVpcOptions",
 "c2jName" : "VPCOptions",
 "c2jShape" : "VPCDerivedInfo",

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"defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"\_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfo.Builder} avoiding the need to create one manually via { @link VPCDerivedInfo#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to { @link #vpcOptions(VPCDerivedInfo)}. \n@param vpcOptions a consumer that will call methods on { @link VPCDerivedInfo.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #vpcOptions(VPCDerivedInfo)",

"deprecated" : false,

"documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"\_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "vpcOptions",

"fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"\_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"\_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "vpcOptions",

"getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"\_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>\n@return The <code>VPCOptions</code> for the specified domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target=\"\_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",

"getterModel" : {

"returnType" : "VPCDerivedInfo",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "VPCOptions",

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 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VPCOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "VPCOptions",
 "setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\n@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.",
 "setterMethodName" : "setVpcOptions",
 "setterModel" : {
 "variableDeclarationType" : "VPCDerivedInfo",
 "variableName" : "vpcOptions",
 "variableType" : "VPCDerivedInfo",
 "documentation" : null,
 "simpleType" : "VPCDerivedInfo",
 "variableSetterType" : "VPCDerivedInfo"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "VPCDerivedInfo",
 "variableName" : "vpcOptions",
 "variableType" : "VPCDerivedInfo",
 "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>",
 "simpleType" : "VPCDerivedInfo",
 "variableSetterType" : "VPCDerivedInfo"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getCognitoOptions",
 "beanStyleSetterMethodName" : "setCognitoOptions",
 "c2jName" : "CognitoOptions",
 "c2jShape" : "CognitoOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified

```

domain. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html).

This is a convenience that creates an instance of the `CognitoOptions.Builder` avoiding the need to create one manually via `CognitoOptions.builder()`.

When the `Consumer` completes, `CognitoOptions.Builder#build()` is called immediately and its result is passed to `CognitoOptions(CognitoOptions)`.

`cognitoOptions` a consumer that will call methods on `CognitoOptions.Builder`

Returns a reference to this object so that method calls can be chained together.

See `CognitoOptions(CognitoOptions)`,

"deprecated" : false,

"documentation" : "<p>The `CognitoOptions` for the specified domain. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html)</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "cognitoOptions",

"fluentSetterDocumentation" : "<p>The `CognitoOptions` for the specified domain. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html)</p>\n@param `cognitoOptions` The `CognitoOptions` for the specified domain. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html)\n@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "cognitoOptions",

"getterDocumentation" : "<p>The `CognitoOptions` for the specified domain. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html)</p>\n@return The `CognitoOptions` for the specified domain. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html)."

"getterModel" : {  
 "returnType" : "CognitoOptions",  
 "documentation" : null

},

"http" : {  
 "additionalMarshallingPath" : null,  
 "additionalUnmarshallingPath" : null,  
 "flattened" : false,  
 "greedy" : false,  
 "header" : false,  
 "isPayload" : false,  
 "isStreaming" : false,  
 "location" : null,  
 "marshallLocation" : "PAYLOAD",  
 "marshallLocationName" : "CognitoOptions",  
 "queryString" : false,

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 "statusCode" : false,
 "unmarshallLocationName" : "CognitoOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "CognitoOptions",
 "setterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.",
 "setterMethodName" : "setCognitoOptions",
 "setterModel" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : null,
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>",
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
 "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
 "c2jName" : "EncryptionAtRestOptions",
 "c2jShape" : "EncryptionAtRestOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\nThis is a convenience that creates an instance of the { @link

```

EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link EncryptionAtRestOptions#builder()}.  
 When the { @link Consumer} completes, { @link EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link #encryptionAtRestOptions(EncryptionAtRestOptions)}.  
 @param encryptionAtRestOptions a consumer that will call methods on { @link EncryptionAtRestOptions.Builder}  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see #encryptionAtRestOptions(EncryptionAtRestOptions)",

```

 "deprecated" : false,
 "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "encryptionAtRestOptions",
 "fluentSetterDocumentation" : "<p> Specifies the status of the
 <code>EncryptionAtRestOptions</code>.</p>\n@param encryptionAtRestOptions Specifies the status of the
 <code>EncryptionAtRestOptions</code>.\n@return Returns a reference to this object so that method calls can be
 chained together.",
 "fluentSetterMethodName" : "encryptionAtRestOptions",
 "getterDocumentation" : "<p> Specifies the status of the
 <code>EncryptionAtRestOptions</code>.</p>\n@return Specifies the status of the
 <code>EncryptionAtRestOptions</code>.",
 "getterModel" : {
 "returnType" : "EncryptionAtRestOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EncryptionAtRestOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EncryptionAtRestOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,

```

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"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
 "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
 "c2jName" : "NodeToNodeEncryptionOptions",
 "c2jShape" : "NodeToNodeEncryptionOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\nThis is a convenience that creates an instance of the { @link
NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link
NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. \n@param nodeToNodeEncryptionOptions a
consumer that will call methods on { @link NodeToNodeEncryptionOptions.Builder} \n@return Returns a reference
to this object so that method calls can be chained together. \n@see
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",

```

"fluentSetterDocumentation" : "<p>Specifies the status of the  
<code>NodeToNodeEncryptionOptions</code>.</p>\n@param nodeToNodeEncryptionOptions Specifies the status  
of the <code>NodeToNodeEncryptionOptions</code>.\n@return Returns a reference to this object so that method  
calls can be chained together.",

"fluentSetterMethodName" : "nodeToNodeEncryptionOptions",

"getterDocumentation" : "<p>Specifies the status of the  
<code>NodeToNodeEncryptionOptions</code>.</p>\n@return Specifies the status of the  
<code>NodeToNodeEncryptionOptions</code>.",

"getterModel" : {

"returnType" : "NodeToNodeEncryptionOptions",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "NodeToNodeEncryptionOptions",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "NodeToNodeEncryptionOptions",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK\_POJO",

"name" : "NodeToNodeEncryptionOptions",

"setterDocumentation" : "<p>Specifies the status of the  
<code>NodeToNodeEncryptionOptions</code>.</p>\n@param nodeToNodeEncryptionOptions Specifies the status  
of the <code>NodeToNodeEncryptionOptions</code>.",

"setterMethodName" : "setNodeToNodeEncryptionOptions",

"setterModel" : {

"variableDeclarationType" : "NodeToNodeEncryptionOptions",

"variableName" : "nodeToNodeEncryptionOptions",

"variableType" : "NodeToNodeEncryptionOptions",

"documentation" : null,

"simpleType" : "NodeToNodeEncryptionOptions",

"variableSetterType" : "NodeToNodeEncryptionOptions"



```

 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
 },
 "xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAdvancedOptions",
 "beanStyleSetterMethodName" : "setAdvancedOptions",
 "c2jName" : "AdvancedOptions",
 "c2jShape" : "AdvancedOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>AdvancedOptions</code></p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link
Map<String,String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #advancedOptions(Map<String,String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "advancedOptions",
 "fluentSetterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n@param
advancedOptions Specifies the status of the <code>AdvancedOptions</code>\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "advancedOptions",
 "getterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n<p>\nAttempts
to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
Specifies the status of the <code>AdvancedOptions</code>",
 "getterModel" : {
 "returnType" : "java.util.Map<String,String>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AdvancedOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AdvancedOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : true,
 "mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
 "getterModel" : {

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 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 }

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 },
 "xmlNamespaceUri" : null
 },
 "valueLocationName" : "value",
 "valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #value(String)}. \n@param value a consumer that will call methods on
{ @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object. \n\n@param value The
new value for the Value property for this object. \n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object. \n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 }
 }
}

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 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n@param
advancedOptions Specifies the status of the <code>AdvancedOptions</code>",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
}

```

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 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
 },
 "xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
 "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
 "c2jName" : "LogPublishingOptions",
 "c2jShape" : "LogPublishingOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the { @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}. \n@param logPublishingOptions a consumer that will call methods on { @link Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
 "deprecated" : false,
 "documentation" : "<p>Log publishing options for the given domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "logPublishingOptions",
 "fluentEnumSetterMethodName" : "logPublishingOptions",
 "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
 "fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param logPublishingOptions Log publishing options for the given domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "logPublishingOptionsWithStrings",
 "getterDocumentation" : "<p>Log publishing options for the given domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Log publishing options for the given domain.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```

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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LogPublishingOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LogPublishingOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : true,
 "mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKeyAsString",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "LogType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : "LogType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "key",
 "fluentEnumSetterMethodName" : "key",
 "fluentGetterMethodName" : "keyAsString",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link

```

```

#keyAsString}.n</p>\n@return The value of the Key property for this object.\n@see LogType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : ""
 }

```



```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "LogPublishingOption",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create
one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer} completes, { @link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(LogPublishingOption)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "LogPublishingOption",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,

```

```

 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : null,
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : "",
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",

```

```

 "documentation" : null,
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : "<p>Log publishing options for the given domain.</p>",
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
 "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
 "c2jName" : "ServiceSoftwareOptions",
 "c2jShape" : "ServiceSoftwareOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions)}. \n@param serviceSoftwareOptions a consumer that will call methods on { @link ServiceSoftwareOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together.\n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
 "deprecated" : false,
 "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "serviceSoftwareOptions",
 "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch domain's service software.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "serviceSoftwareOptions",
 "getterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@return The current status of the Elasticsearch domain's service software.",
 "getterModel" : {
 "returnType" : "ServiceSoftwareOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,

```

```

 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ServiceSoftwareOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ServiceSoftwareOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "ServiceSoftwareOptions",
 "setterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch domain's service software.",
 "setterMethodName" : "setServiceSoftwareOptions",
 "setterModel" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : null,
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
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 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "ARN" : {
 "beanStyleGetterMethodName" : "getArn",

```

```

"beanStyleSetterMethodName" : "setArn",
"c2jName" : "ARN",
"c2jShape" : "ARN",
"defaultConsumerFluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch
domain. See <a href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for
more information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String.Builder}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #arn(String)",
"deprecated" : false,
"documentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for
more information.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for
more information.</p>\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for
more information. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "arn",
"getterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for
more information.</p>\n@return The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for
more information.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

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 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ARN",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ARN",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ARN",
 "setterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.",
 "setterMethodName" : "setArn",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null

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 },
 "AccessPolicies" : {
 "beanStyleGetterMethodName" : "getAccessPolicies",
 "beanStyleSetterMethodName" : "setAccessPolicies",
 "c2jName" : "AccessPolicies",
 "c2jShape" : "PolicyDocument",
 "defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted
string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param
accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together. \n@see #accessPolicies(String)",
 "deprecated" : false,
 "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "accessPolicies",
 "fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string. \n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "accessPolicies",
 "getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@return IAM access
policy as a JSON-formatted string.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AccessPolicies",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AccessPolicies",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"AdvancedOptions" : {
 "beanStyleGetterMethodName" : "getAdvancedOptions",
 "beanStyleSetterMethodName" : "setAdvancedOptions",
 "c2jName" : "AdvancedOptions",
 "c2jShape" : "AdvancedOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>AdvancedOptions</code></p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link
Map<String,String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #advancedOptions(Map<String,String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

```



```

 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "advancedOptions",
 "fluentSetterDocumentation" : "<p>Specifies the status of the
<code>AdvancedOptions</code></p>\n@param advancedOptions Specifies the status of the
<code>AdvancedOptions</code>\n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "advancedOptions",
 "getterDocumentation" : "<p>Specifies the status of the
<code>AdvancedOptions</code></p>\n<p>\nAttempts to modify the collection returned by this method will result
in an UnsupportedOperationException.\n</p>\n@return Specifies the status of the
<code>AdvancedOptions</code>",
 "getterModel" : {
 "returnType" : "java.util.Map<String,String>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AdvancedOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AdvancedOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : true,
 "mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis

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is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.  
 When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #key(String)}.  
 @param key a consumer that will call methods on {@link String.Builder}  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see #key(String)",

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"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
```

"fluentSetterDocumentation" : "Sets the value of the Key property for this object.  
 @param key The new value for the Key property for this object.  
 @return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "key",
```

"getterDocumentation" : "Returns the value of the Key property for this object.  
 @return The value of the Key property for this object.",

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"getterModel" : {
 "returnType" : "String",
 "documentation" : null
```

```
},
```

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"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
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```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "Key",
```

```

"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the

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Value property for this object.",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
```

"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.",

```
"setterMethodName" : "setValue",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n@param
advancedOptions Specifies the status of the <code>AdvancedOptions</code>",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
},
"CognitoOptions" : {
 "beanStyleGetterMethodName" : "getCognitoOptions",
 "beanStyleSetterMethodName" : "setCognitoOptions",
 "c2jName" : "CognitoOptions",
 "c2jShape" : "CognitoOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified
domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding
the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link
#cognitoOptions(CognitoOptions)}. \n@param cognitoOptions a consumer that will call methods on { @link
CognitoOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #cognitoOptions(CognitoOptions)",
 "deprecated" : false,

```

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 "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\
target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "cognitoOptions",
 "fluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\
target=\"_blank\">Amazon Cognito Authentication for Kibana.\n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "cognitoOptions",
 "getterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@return The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\
target=\"_blank\">Amazon Cognito Authentication for Kibana.",
 "getterModel" : {
 "returnType" : "CognitoOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CognitoOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CognitoOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,

```

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"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : null,
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information,
see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>",
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
},
"xmlNamespaceUri" : null
},
"Created" : {
 "beanStyleGetterMethodName" : "getCreated",
 "beanStyleSetterMethodName" : "setCreated",
 "c2jName" : "Created",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the
creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in
progress.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #created(Boolean)}. \n@param
created a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #created(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch
domain is complete. <code>False</code> if domain creation is still in progress.</p>",

```

```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "created",
"fluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@param created
The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "created",
"getterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@return The
domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress.",
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Created",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Created",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Created",
"setterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@param created
The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.

```



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<code>False</code> if domain creation is still in progress.",
 "setterMethodName" : "setCreated",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "created",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "created",
 "variableType" : "Boolean",
 "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch
domain is complete. <code>False</code> if domain creation is still in progress.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
},
"Deleted" : {
 "beanStyleGetterMethodName" : "getDeleted",
 "beanStyleSetterMethodName" : "setDeleted",
 "c2jName" : "Deleted",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a
delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the
domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer
returned.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #deleted(Boolean)}. \n@param
deleted a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #deleted(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received
for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted.
Once domain deletion is complete, the status of the domain is no longer returned.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "deleted",
 "fluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has
been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not

```

been deleted. Once domain deletion is complete, the status of the domain is no longer returned.

`deleted` The domain deletion status. `True` if a delete request has been received for the domain but resource cleanup is still in progress. `False` if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.

`deleted` Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "deleted",
```

`deleted` The domain deletion status. `True` if a delete request has been received for the domain but resource cleanup is still in progress. `False` if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.

`deleted` The domain deletion status. `True` if a delete request has been received for the domain but resource cleanup is still in progress. `False` if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.",

```
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
```

```
},
```

```
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Deleted",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Deleted",
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Deleted",
```

`deleted` The domain deletion status. `True` if a delete request has been received for the domain but resource cleanup is still in progress. `False` if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.

`deleted` The domain deletion status. `True` if a delete request has been received for the domain but resource cleanup is still in progress. `False` if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.",

```
"setterMethodName" : "setDeleted",
```

```

"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "deleted",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "deleted",
 "variableType" : "Boolean",
 "documentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received
for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted.
Once domain deletion is complete, the status of the domain is no longer returned.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"DomainId" : {
 "beanStyleGetterMethodName" : "getDomainId",
 "beanStyleSetterMethodName" : "setDomainId",
 "c2jName" : "DomainId",
 "c2jShape" : "DomainId",
 "defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch
domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainId(String)}. \n@param
domainId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #domainId(String)",
 "deprecated" : false,
 "documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainId",
 "fluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch
domain.</p>\n@param domainId The unique identifier for the specified Elasticsearch domain. \n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainId",
 "getterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@return The
unique identifier for the specified Elasticsearch domain.",
 "getterModel" : {

```

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 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainId",
 "setterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@param
domainId The unique identifier for the specified Elasticsearch domain.",
 "setterMethodName" : "setDomainId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainId",
 "variableType" : "String",
 "documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 }

```

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 },
 "xmlNamespaceUri" : null
 },
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@return The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 },

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 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the
domains owned by an account within an AWS region. Domain names start with a letter or number and can contain
the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of an
Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region.
Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and -
(hyphen).",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains
owned by an account within an AWS region. Domain names start with a letter or number and can contain the
following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},

```

```

"EBSOptions" : {
 "beanStyleGetterMethodName" : "getEbsOptions",
 "beanStyleSetterMethodName" : "setEbsOptions",
 "c2jName" : "EBSOptions",
 "c2jShape" : "EBSOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The <code>EBSOptions</code> for the specified
domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdateddomains.html#es-createdomain-configure-efs\" target=\"_blank\">Configuring EBS-based Storage
for more information.</p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder}
avoiding the need to create one manually via { @link EBSOptions.Builder#builder()}. \n\nWhen the { @link Consumer}
completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link
#efsOptions(EBSOptions)}. \n@param efsOptions a consumer that will call methods on { @link
EBSOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #efsOptions(EBSOptions)",
 "deprecated" : false,
 "documentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-efs\" target=\"_blank\">Configuring EBS-based Storage for more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "efsOptions",
 "fluentSetterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-efs\" target=\"_blank\">Configuring EBS-based Storage for more
information.</p>\n@param efsOptions The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-efs\" target=\"_blank\">Configuring EBS-based Storage for more
information.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "efsOptions",
 "getterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-efs\" target=\"_blank\">Configuring EBS-based Storage for more
information.</p>\n@return The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdateddomains.html#es-
createdomain-configure-efs\" target=\"_blank\">Configuring EBS-based Storage for more information.",
 "getterModel" : {
 "returnType" : "EBSOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```

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 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EBSOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EBSOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "EBSOptions",
 "setterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service/latest/developer/guide/es-createupdateddomains.html#es-
createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage for more
information.</p>\n@param ebsOptions The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service/latest/developer/guide/es-createupdateddomains.html#es-
createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage for more information.",
 "setterMethodName" : "setEbsOptions",
 "setterModel" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : null,
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developer/elasticsearch-service/latest/developer/guide/es-createupdateddomains.html#es-
createdomain-configure-ebs\" target=\"_blank\">Configuring EBS-based Storage for more information.</p>",
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
 },
 "xmlNamespaceUri" : null
},

```



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"ElasticsearchClusterConfig" : {
 "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
 "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
 "c2jName" : "ElasticsearchClusterConfig",
 "c2jShape" : "ElasticsearchClusterConfig",
 "defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances in the domain
cluster.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder}
avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is
passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a
consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to
this object so that method calls can be chained together. \n@see
#elasticsearchClusterConfig(ElasticsearchClusterConfig)",
 "deprecated" : false,
 "documentation" : "<p>The type and number of instances in the domain cluster.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchClusterConfig",
 "fluentSetterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@param
elasticsearchClusterConfig The type and number of instances in the domain cluster. \n@return Returns a reference to
this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchClusterConfig",
 "getterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@return The type
and number of instances in the domain cluster.",
 "getterModel" : {
 "returnType" : "ElasticsearchClusterConfig",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchClusterConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchClusterConfig",
 "uri" : false
 },
 "idempotencyToken" : false,

```

```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@param
elasticsearchClusterConfig The type and number of instances in the domain cluster.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : "<p>The type and number of instances in the domain cluster.</p>",
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNamespaceUri" : null
},
"ElasticsearchVersion" : {
 "beanStyleGetterMethodName" : "getElasticsearchVersion",
 "beanStyleSetterMethodName" : "setElasticsearchVersion",
 "c2jName" : "ElasticsearchVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#elasticsearchVersion(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

```

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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param
elasticsearchVersion The new value for the ElasticsearchVersion property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "Returns the value of the ElasticsearchVersion property for this object.\n@return The
value of the ElasticsearchVersion property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersion",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param
elasticsearchVersion The new value for the ElasticsearchVersion property for this object.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
}

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 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"EncryptionAtRestOptions" : {
 "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
 "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
 "c2jName" : "EncryptionAtRestOptions",
 "c2jShape" : "EncryptionAtRestOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link
EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link
#encryptionAtRestOptions(EncryptionAtRestOptions)}. \n@param encryptionAtRestOptions a consumer that will
call methods on { @link EncryptionAtRestOptions.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "encryptionAtRestOptions",
 "fluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>.\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "encryptionAtRestOptions",
 "getterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@return Specifies the status of the
<code>EncryptionAtRestOptions</code>.",
 "getterModel" : {
 "returnType" : "EncryptionAtRestOptions",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,

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"additionalUnmarshallingPath" : null,
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"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EncryptionAtRestOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EncryptionAtRestOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNamespaceUri" : null
},
"Endpoint" : {

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"beanStyleGetterMethodName" : "getEndpoint",
"beanStyleSetterMethodName" : "setEndpoint",
"c2jName" : "Endpoint",
"c2jShape" : "ServiceUrl",
"defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to
submit index and search requests.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#endpoint(String)}. \n@param endpoint a consumer that will call methods on { @link String.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #endpoint(String)",
"deprecated" : false,
"documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "endpoint",
"fluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and
search requests.</p>\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search
requests.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "endpoint",
"getterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>\n@return The Elasticsearch domain endpoint that you use to submit index and search requests.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Endpoint",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Endpoint",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Endpoint",
"setterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search
requests.",
"setterMethodName" : "setEndpoint",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "endpoint",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "endpoint",
 "variableType" : "String",
 "documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"Endpoints" : {
 "beanStyleGetterMethodName" : "getEndpoints",
 "beanStyleSetterMethodName" : "setEndpoints",
 "c2jName" : "Endpoints",
 "c2jShape" : "EndpointsMap",
 "defaultConsumerFluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used
to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\nThis is a convenience that creates an
instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#endpoints(Map<String,String>)}. \n@param endpoints a consumer that will call methods on { @link
Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #endpoints(Map<String,String>)",
 "deprecated" : false,
 "documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search
requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-

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1.es.amazonaws.com'</code>.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "endpoints",
 "fluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index
and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\n@param endpoints Map containing the
Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>:
<code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.\n@return Returns
a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "endpoints",
 "getterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and
search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-
east-1.es.amazonaws.com'</code>.</p>\n<p>\nAttempts to modify the collection returned by this method will result
in an UnsupportedOperationException.\n</p>\n@return Map containing the Elasticsearch domain endpoints used to
submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",
 "getterModel" : {
 "return Type" : "java.util.Map<String,String>",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Endpoints",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Endpoints",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",

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"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
 },
 "idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "ServiceUrl",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

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 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 }

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 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Endpoints",
"setterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\n@param endpoints Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",
"setterMethodName" : "setEndpoints",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "endpoints",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "endpoints",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>",
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
},
"LogPublishingOptions" : {
 "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",

```

```

"beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\nThis
is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder} avoiding the
need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately and its
result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}. \n@param
logPublishingOptions a consumer that will call methods on { @link
Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
"deprecated" : false,
"documentation" : "<p>Log publishing options for the given domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "logPublishingOptions",
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentGetterMethodName" : "logPublishingOptionsAsStrings",
"fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "logPublishingOptionsWithStrings",
"getterDocumentation" : "<p>Log publishing options for the given domain.</p>\n<p>\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Log
publishing options for the given domain.",
"getterModel" : {
 "return Type" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LogPublishingOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LogPublishingOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,

```

```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKeyAsString",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "LogType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : "LogType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "key",
 "fluentEnumSetterMethodName" : "key",
 "fluentGetterMethodName" : "keyAsString",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,

```

```

 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "LogPublishingOption",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the
need to create one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer}

```

completes, { @link LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link #value(LogPublishingOption)}.  
@param value a consumer that will call methods on { @link LogPublishingOption.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #value(LogPublishingOption)",

```
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.
@param value The new value for the Value property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.
@return The value of the Value property for this object.",
"getterModel" : {
 "returnType" : "LogPublishingOption",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.
@param value The new
```



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value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : null,
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : "",
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null,
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : "<p>Log publishing options for the given domain.</p>",
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},

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 "xmlNamespaceUri" : null
 },
 "NodeToNodeEncryptionOptions" : {
 "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
 "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
 "c2jName" : "NodeToNodeEncryptionOptions",
 "c2jShape" : "NodeToNodeEncryptionOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\nThis is a convenience that creates an instance of the { @link
NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link
NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. \n@param nodeToNodeEncryptionOptions a
consumer that will call methods on { @link NodeToNodeEncryptionOptions.Builder}\n@return Returns a reference
to this object so that method calls can be chained together.\n@see
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
 "fluentSetterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@param nodeToNodeEncryptionOptions Specifies the status
of the <code>NodeToNodeEncryptionOptions</code>.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
 "getterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@return Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.",
 "getterModel" : {
 "returnType" : "NodeToNodeEncryptionOptions",
 "documentation" : null
 }
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NodeToNodeEncryptionOptions",
 "queryString" : false,

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 "statusCode" : false,
 "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "NodeToNodeEncryptionOptions",
 "setterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@param nodeToNodeEncryptionOptions Specifies the status
of the <code>NodeToNodeEncryptionOptions</code>.",
 "setterMethodName" : "setNodeToNodeEncryptionOptions",
 "setterModel" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : null,
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
 },
 "xmlNamespaceUri" : null
},
"Processing" : {
 "beanStyleGetterMethodName" : "getProcessing",
 "beanStyleSetterMethodName" : "setProcessing",
 "c2jName" : "Processing",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain configuration.
<code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if
the configuration is active.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder}
avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link
#processing(Boolean)}. \n@param processing a consumer that will call methods on { @link

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Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#processing(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon
Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "processing",
 "fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code>
if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active.</p>\n@param processing The status of the Elasticsearch domain configuration. <code>True</code> if
Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "processing",
 "getterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if
Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active.</p>\n@return The status of the Elasticsearch domain configuration. <code>True</code> if Amazon
Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Processing",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Processing",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,

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 "marshallingType" : "BOOLEAN",
 "name" : "Processing",
 "setterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>\n@param processing The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.",
 "setterMethodName" : "setProcessing",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "processing",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "processing",
 "variableType" : "Boolean",
 "documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
},
"ServiceSoftwareOptions" : {
 "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
 "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
 "c2jName" : "ServiceSoftwareOptions",
 "c2jShape" : "ServiceSoftwareOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\nThis is a convenience that creates an instance of the {@link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via {@link ServiceSoftwareOptions#builder()}. \n\nWhen the {@link Consumer} completes, {@link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to {@link #serviceSoftwareOptions(ServiceSoftwareOptions)}. \n@param serviceSoftwareOptions a consumer that will call methods on {@link ServiceSoftwareOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
 "deprecated" : false,
 "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,

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 "fluentGetterMethodName" : "serviceSoftwareOptions",
 "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service
software.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch domain's service
software.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "serviceSoftwareOptions",
 "getterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@return
The current status of the Elasticsearch domain's service software.",
 "getterModel" : {
 "returnType" : "ServiceSoftwareOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ServiceSoftwareOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ServiceSoftwareOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "ServiceSoftwareOptions",
 "setterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch domain's service software.",
 "setterMethodName" : "setServiceSoftwareOptions",
 "setterModel" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : null,
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
 },
 "simple" : false,

```

```

"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNamespaceUri" : null
},
"SnapshotOptions" : {
 "beanStyleGetterMethodName" : "getSnapshotOptions",
 "beanStyleSetterMethodName" : "setSnapshotOptions",
 "c2jName" : "SnapshotOptions",
 "c2jShape" : "SnapshotOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>SnapshotOptions</code></p>\nThis is a convenience that creates an instance of the { @link
SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "snapshotOptions",
 "fluentSetterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code>\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "snapshotOptions",
 "getterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@return
Specifies the status of the <code>SnapshotOptions</code>",
 "getterModel" : {
 "returnType" : "SnapshotOptions",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```

```

 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SnapshotOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SnapshotOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "SnapshotOptions",
 "setterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code>",
 "setterMethodName" : "setSnapshotOptions",
 "setterModel" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : null,
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
 },
 "xmlNamespaceUri" : null
},
"UpgradeProcessing" : {
 "beanStyleGetterMethodName" : "getUpgradeProcessing",
 "beanStyleSetterMethodName" : "setUpgradeProcessing",
 "c2jName" : "UpgradeProcessing",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade.

```



`<code>True</code>` if Amazon Elasticsearch Service is undergoing a version upgrade. `<code>False</code>` if the configuration is active.

This is a convenience that creates an instance of the `{ @link Boolean.Builder}` avoiding the need to create one manually via `{ @link Boolean#builder()}.n\n`When the `{ @link Consumer}` completes, `{ @link Boolean.Builder#build()}` is called immediately and its result is passed to `{ @link #upgradeProcessing(Boolean)}`.  
`@param upgradeProcessing` a consumer that will call methods on `{ @link Boolean.Builder}`  
`@return` Returns a reference to this object so that method calls can be chained together.  
`@see #upgradeProcessing(Boolean)"`,

"deprecated" : false,

"documentation" : "

The status of an Elasticsearch domain version upgrade. `<code>True</code>` if Amazon Elasticsearch Service is undergoing a version upgrade. `<code>False</code>` if the configuration is active.

",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "upgradeProcessing",

"fluentSetterDocumentation" : "

The status of an Elasticsearch domain version upgrade.

`<code>True</code>` if Amazon Elasticsearch Service is undergoing a version upgrade. `<code>False</code>` if the configuration is active.

`@param upgradeProcessing` The status of an Elasticsearch domain version upgrade.

`<code>True</code>` if Amazon Elasticsearch Service is undergoing a version upgrade. `<code>False</code>` if the configuration is active.  
`@return` Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "upgradeProcessing",

"getterDocumentation" : "

The status of an Elasticsearch domain version upgrade. `<code>True</code>` if Amazon Elasticsearch Service is undergoing a version upgrade. `<code>False</code>` if the configuration is active.

`@return` The status of an Elasticsearch domain version upgrade. `<code>True</code>` if Amazon Elasticsearch Service is undergoing a version upgrade. `<code>False</code>` if the configuration is active."

"getterModel" : {

"returnType" : "Boolean",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "UpgradeProcessing",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "UpgradeProcessing",

"uri" : false

},

"idempotencyToken" : false,

```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpgradeProcessing",
"setterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if
Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>\n@param upgradeProcessing The status of an Elasticsearch domain version upgrade.
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the
configuration is active.",
"setterMethodName" : "setUpgradeProcessing",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "upgradeProcessing",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "upgradeProcessing",
 "variableType" : "Boolean",
 "documentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if
Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"VPCOptions" : {
 "beanStyleGetterMethodName" : "getVpcOptions",
 "beanStyleSetterMethodName" : "setVpcOptions",
 "c2jName" : "VPCOptions",
 "c2jShape" : "VPCDerivedInfo",
 "defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified
domain. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html\" target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service
Domains.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfo.Builder}
avoiding the need to create one manually via { @link VPCDerivedInfo#builder()}.</p>\nWhen the { @link Consumer}
completes, { @link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to { @link
#vpcOptions(VPCDerivedInfo)}.</p>\n@param vpcOptions a consumer that will call methods on { @link

```

```

VPCDerivedInfo.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #vpcOptions(VPCDerivedInfo)",
 "deprecated" : false,
 "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "vpcOptions",
 "fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.\n@return Returns a reference to
this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "vpcOptions",
 "getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\n@return The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.",
 "getterModel" : {
 "returnType" : "VPCDerivedInfo",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VPCOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VPCOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\n@param vpcOptions The
<code>VPCOptions</code> for the specified domain. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.",
"setterMethodName" : "setVpcOptions",
"setterModel" : {
 "variableDeclarationType" : "VPCDerivedInfo",
 "variableName" : "vpcOptions",
 "variableType" : "VPCDerivedInfo",
 "documentation" : null,
 "simpleType" : "VPCDerivedInfo",
 "variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "VPCDerivedInfo",
 "variableName" : "vpcOptions",
 "variableType" : "VPCDerivedInfo",
 "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see
<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\"
target=\"_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains.</p>",
 "simpleType" : "VPCDerivedInfo",
 "variableSetterType" : "VPCDerivedInfo"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainId",
 "beanStyleSetterMethodName" : "setDomainId",
 "c2jName" : "DomainId",
 "c2jShape" : "DomainId",
 "defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch
domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}.
\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainId(String)}.
\n@param
domainId a consumer that will call methods on { @link String.Builder}
\n@return Returns a reference to this object
so that method calls can be chained together.
\n@see #domainId(String)",

```

```

"deprecated" : false,
"documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainId",
"fluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@param
domainId The unique identifier for the specified Elasticsearch domain.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "domainId",
"getterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@return The
unique identifier for the specified Elasticsearch domain.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainId",
"setterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@param
domainId The unique identifier for the specified Elasticsearch domain.",
"setterMethodName" : "setDomainId",
"setterModel" : {
 "variableDeclarationType" : "String",

```

```

 "variableName" : "domainId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainId",
 "variableType" : "String",
 "documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the

```

domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@return The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
```

```
"setterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>\n@param domainName The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
```

```
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
```

```

"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains
owned by an account within an AWS region. Domain names start with a letter or number and can contain the
following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getArn",
 "beanStyleSetterMethodName" : "setArn",
 "c2jName" : "ARN",
 "c2jShape" : "ARN",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch
domain. See <a href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for
more information.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. \n@param arn a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #arn(String)",
 "deprecated" : false,
 "documentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for
more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "arn",
 "fluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for
more information.</p>\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for
more information.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "arn",
 "getterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for

```



more information.</p>\n@return The Amazon resource name (ARN) of an Elasticsearch domain. See <a href=\\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using\_Identifiers.html\" target=\"\_blank\">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ARN",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ARN",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
```

```
"setterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for more information.",
```

```
"setterMethodName" : "setArn",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
```

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 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
href=\"http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html\"
target=\"_blank\">Identifiers for IAM Entities in <i>Using AWS Identity and Access Management</i> for
more information.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getCreated",
 "beanStyleSetterMethodName" : "setCreated",
 "c2jName" : "Created",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the
creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in
progress.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #created(Boolean)}. \n@param
created a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #created(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch
domain is complete. <code>False</code> if domain creation is still in progress.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "created",
 "fluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@param created
The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress. \n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "created",
 "getterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@return The
domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress.",
 "getterModel" : {
 "returnType" : "Boolean",

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"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Created",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Created",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Created",
"setterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an
Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@param created
The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete.
<code>False</code> if domain creation is still in progress.",
"setterMethodName" : "setCreated",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "created",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "created",
 "variableType" : "Boolean",
 "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch
domain is complete. <code>False</code> if domain creation is still in progress.</p>",

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 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDeleted",
 "beanStyleSetterMethodName" : "setDeleted",
 "c2jName" : "Deleted",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a
delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the
domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer
returned.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #deleted(Boolean)}. \n@param
deleted a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #deleted(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received
for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted.
Once domain deletion is complete, the status of the domain is no longer returned.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "deleted",
 "fluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been
received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been
deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@param deleted
The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource
cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is
complete, the status of the domain is no longer returned. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "deleted",
 "getterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been
received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been
deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@return The
domain deletion status. <code>True</code> if a delete request has been received for the domain but resource
cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is
complete, the status of the domain is no longer returned.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,

```

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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Deleted",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Deleted",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "BOOLEAN",
 "name" : "Deleted",
 "setterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n@param deleted The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.",
 "setterMethodName" : "setDeleted",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "deleted",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "deleted",
 "variableType" : "Boolean",
 "documentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 }

```

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 },
 "xmlNamespaceUri" : null
 }, {
 "beanStyleGetterMethodName" : "getEndpoint",
 "beanStyleSetterMethodName" : "setEndpoint",
 "c2jName" : "Endpoint",
 "c2jShape" : "ServiceUrl",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit
index and search requests.</p>\nThis is a convenience that creates an instance of the { @link String.Builder }
avoiding the need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes,
{ @link String.Builder#build() } is called immediately and its result is passed to { @link
#endpoint(String) }. \n@param endpoint a consumer that will call methods on { @link String.Builder } \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #endpoint(String)",
 "deprecated" : false,
 "documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "endpoint",
 "fluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search
requests. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "endpoint",
 "getterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search
requests.</p>\n@return The Elasticsearch domain endpoint that you use to submit index and search requests.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Endpoint",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Endpoint",
 "uri" : false
 },
}

```

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Endpoint",
"setterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.",
"setterMethodName" : "setEndpoint",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "endpoint",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "endpoint",
 "variableType" : "String",
 "documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEndpoints",
 "beanStyleSetterMethodName" : "setEndpoints",
 "c2jName" : "Endpoints",
 "c2jShape" : "EndpointsMap",
 "defaultConsumerFluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\nThis is a convenience that creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #endpoints(Map<String,String>)}. \n@param endpoints a consumer that will call methods on { @link Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #endpoints(Map<String,String>)",
 "deprecated" : false,

```

"documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "endpoints",

"fluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\n@param endpoints Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "endpoints",

"getterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",

"getterModel" : {  
 "returnType" : "java.util.Map<String,String>",  
 "documentation" : null  
},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "Endpoints",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "Endpoints",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : true,



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"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n\n@param key a consumer that will call methods on
{ @link String.Builder} \n\n@return Returns a reference to this object so that method calls can be chained
together. \n\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object. \n\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object. \n\n@return The value of the
Key property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
 }
 }
}

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 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "ServiceUrl",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #value(String)}. \n\n@param value a consumer that will call methods on
{ @link String.Builder} \n\n@return Returns a reference to this object so that method calls can be chained
together. \n\n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,

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 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Endpoints",
"setterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and
search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-
east-1.es.amazonaws.com'</code>.</p>\n@param endpoints Map containing the Elasticsearch domain endpoints
used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",
"setterMethodName" : "setEndpoints",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "endpoints",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "endpoints",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search
requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-
1.es.amazonaws.com'</code>.</p>",
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
}, {

```

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"beanStyleGetterMethodName" : "getProcessing",
"beanStyleSetterMethodName" : "setProcessing",
"c2jName" : "Processing",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain configuration.
<code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if
the configuration is active.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder}
avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link
#processing(Boolean)}. \n@param processing a consumer that will call methods on { @link
Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#processing(Boolean)",
"deprecated" : false,
"documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon
Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "processing",
"fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code>
if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active.</p>\n@param processing The status of the Elasticsearch domain configuration. <code>True</code> if
Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "processing",
"getterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if
Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is
active.</p>\n@return The status of the Elasticsearch domain configuration. <code>True</code> if Amazon
Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.",
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Processing",
 "queryString" : false,
 "statusCode" : false,

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 "unmarshallLocationName" : "Processing",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "BOOLEAN",
 "name" : "Processing",
 "setterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>\n@param processing The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.",
 "setterMethodName" : "setProcessing",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "processing",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "processing",
 "variableType" : "Boolean",
 "documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpgradeProcessing",
 "beanStyleSetterMethodName" : "setUpgradeProcessing",
 "c2jName" : "UpgradeProcessing",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link

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#upgradeProcessing(Boolean)}.
@param upgradeProcessing a consumer that will call methods on { @link
Boolean.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #upgradeProcessing(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon
Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "upgradeProcessing",
 "fluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code>
if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>
@param upgradeProcessing The status of an Elasticsearch domain version upgrade.
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the
configuration is active.
@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "upgradeProcessing",
 "getterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if
Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is
active.</p>
@return The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon
Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeProcessing",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeProcessing",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,

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"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpgradeProcessing",
"setterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>\n@param upgradeProcessing The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
"setterMethodName" : "setUpgradeProcessing",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "upgradeProcessing",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "upgradeProcessing",
 "variableType" : "Boolean",
 "documentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchVersion",
 "beanStyleSetterMethodName" : "setElasticsearchVersion",
 "c2jName" : "ElasticsearchVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchVersion(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,

```



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 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchVersion",
 "fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param
elasticsearchVersion The new value for the ElasticsearchVersion property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchVersion",
 "getterDocumentation" : "Returns the value of the ElasticsearchVersion property for this object.\n@return The
value of the ElasticsearchVersion property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersion",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ElasticsearchVersion",
 "setterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param
elasticsearchVersion The new value for the ElasticsearchVersion property for this object.",
 "setterMethodName" : "setElasticsearchVersion",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 },

```

```

"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
 "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
 "c2jName" : "ElasticsearchClusterConfig",
 "c2jShape" : "ElasticsearchClusterConfig",
 "defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances in the domain
cluster.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder}
avoiding the need to create one manually via { @link ElasticsearchClusterConfig.Builder}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is
passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a
consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to
this object so that method calls can be chained together. \n@see
#elasticsearchClusterConfig(ElasticsearchClusterConfig)",
 "deprecated" : false,
 "documentation" : "<p>The type and number of instances in the domain cluster.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchClusterConfig",
 "fluentSetterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@param
elasticsearchClusterConfig The type and number of instances in the domain cluster. \n@return Returns a reference to
this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchClusterConfig",
 "getterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@return The type
and number of instances in the domain cluster.",
 "getterModel" : {
 "returnType" : "ElasticsearchClusterConfig",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```

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 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchClusterConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchClusterConfig",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "ElasticsearchClusterConfig",
 "setterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n@param
elasticsearchClusterConfig The type and number of instances in the domain cluster.",
 "setterMethodName" : "setElasticsearchClusterConfig",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : "<p>The type and number of instances in the domain cluster.</p>",
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEbsOptions",
 "beanStyleSetterMethodName" : "setEbsOptions",
 "c2jName" : "EBSOptions",
 "c2jShape" : "EBSOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain.
See <a href='\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-

```

createupdatedomains.html#es-createdomain-configure-ebs\" target=\"\_blank\">Configuring EBS-based Storage</a> for more information.</p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the need to create one manually via { @link EBSOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link #ebsOptions(EBSOptions)}. \n@param ebsOptions a consumer that will call methods on { @link EBSOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #ebsOptions(EBSOptions)",

"deprecated" : false,

"documentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\" target=\"\_blank\">Configuring EBS-based Storage</a> for more information.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "ebsOptions",

"fluentSetterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\" target=\"\_blank\">Configuring EBS-based Storage</a> for more information.</p>\n@param ebsOptions The <code>EBSOptions</code> for the specified domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\" target=\"\_blank\">Configuring EBS-based Storage</a> for more information. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "ebsOptions",

"getterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\" target=\"\_blank\">Configuring EBS-based Storage</a> for more information.</p>\n@return The <code>EBSOptions</code> for the specified domain. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs\" target=\"\_blank\">Configuring EBS-based Storage</a> for more information.",

"getterModel" : {

"returnType" : "EBSOptions",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "EBSOptions",

"queryString" : false,

"statusCode" : false,

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 "unmarshallLocationName" : "EBSOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "EBSOptions",
 "setterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.</p>\n@param ebsOptions The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.",
 "setterMethodName" : "setEbsOptions",
 "setterModel" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "efsOptions",
 "variableType" : "EBSOptions",
 "documentation" : null,
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "efsOptions",
 "variableType" : "EBSOptions",
 "documentation" : "<p>The <code>EBSOptions</code> for the specified domain. See Configuring EBS-based Storage for more information.</p>",
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAccessPolicies",
 "beanStyleSetterMethodName" : "setAccessPolicies",
 "c2jName" : "AccessPolicies",
 "c2jShape" : "PolicyDocument",
 "defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link

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String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}.  
@param accessPolicies a consumer that will call methods on { @link String.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #accessPolicies(String)",

```
"deprecated" : false,
"documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy
as a JSON-formatted string.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AccessPolicies",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AccessPolicies",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
```

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"setterMethodName" : "setAccessPolicies",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSnapshotOptions",
 "beanStyleSetterMethodName" : "setSnapshotOptions",
 "c2jName" : "SnapshotOptions",
 "c2jShape" : "SnapshotOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>SnapshotOptions</code></p>\nThis is a convenience that creates an instance of the { @link
SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "snapshotOptions",
 "fluentSetterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code>\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "snapshotOptions",
 "getterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@return
Specifies the status of the <code>SnapshotOptions</code>",
 "getterModel" : {

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 "returnType" : "SnapshotOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SnapshotOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SnapshotOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "SnapshotOptions",
 "setterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>\n@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code>",
 "setterMethodName" : "setSnapshotOptions",
 "setterModel" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : null,
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
 }

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 },
 "xmlNamespaceUri" : null
 }, {
 "beanStyleGetterMethodName" : "getVpcOptions",
 "beanStyleSetterMethodName" : "setVpcOptions",
 "c2jName" : "VPCOptions",
 "c2jShape" : "VPCDerivedInfo",
 "defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfo.Builder} avoiding the need to create one manually via { @link VPCDerivedInfo#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to { @link #vpcOptions(VPCDerivedInfo)}. \n@param vpcOptions a consumer that will call methods on { @link VPCDerivedInfo.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #vpcOptions(VPCDerivedInfo)",
 "deprecated" : false,
 "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "vpcOptions",
 "fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\n@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "vpcOptions",
 "getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\n@return The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.",
 "getterModel" : {
 "returnType" : "VPCDerivedInfo",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VPCOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VPCOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "VPCOptions",
 "setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>\n@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.",
 "setterMethodName" : "setVpcOptions",
 "setterModel" : {
 "variableDeclarationType" : "VPCDerivedInfo",
 "variableName" : "vpcOptions",
 "variableType" : "VPCDerivedInfo",
 "documentation" : null,
 "simpleType" : "VPCDerivedInfo",
 "variableSetterType" : "VPCDerivedInfo"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "VPCDerivedInfo",
 "variableName" : "vpcOptions",
 "variableType" : "VPCDerivedInfo",
 "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>",
 "simpleType" : "VPCDerivedInfo",
 "variableSetterType" : "VPCDerivedInfo"
 },

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"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getCognitoOptions",
 "beanStyleSetterMethodName" : "setCognitoOptions",
 "c2jName" : "CognitoOptions",
 "c2jShape" : "CognitoOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions.Builder}. \n\nWhen the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link #cognitoOptions(CognitoOptions)}. \n@param cognitoOptions a consumer that will call methods on { @link CognitoOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #cognitoOptions(CognitoOptions)",
 "deprecated" : false,
 "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "cognitoOptions",
 "fluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "cognitoOptions",
 "getterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.</p>\n@return The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.",
 "getterModel" : {
 "returnType" : "CognitoOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

```

```

 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CognitoOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CognitoOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "CognitoOptions",
 "setterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.",
 "setterMethodName" : "setCognitoOptions",
 "setterModel" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : null,
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.</p>",
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
 },
 "xmlNamespaceUri" : null

```

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}, {
 "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
 "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
 "c2jName" : "EncryptionAtRestOptions",
 "c2jShape" : "EncryptionAtRestOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link
EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link
#encryptionAtRestOptions(EncryptionAtRestOptions)}. \n@param encryptionAtRestOptions a consumer that will
call methods on { @link EncryptionAtRestOptions.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "encryptionAtRestOptions",
 "fluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>. \n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "encryptionAtRestOptions",
 "getterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@return Specifies the status of the
<code>EncryptionAtRestOptions</code>.",
 "getterModel" : {
 "returnType" : "EncryptionAtRestOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EncryptionAtRestOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EncryptionAtRestOptions",
 "uri" : false
 }
}

```

```

 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "EncryptionAtRestOptions",
 "setterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>\n@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>.",
 "setterMethodName" : "setEncryptionAtRestOptions",
 "setterModel" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
 "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
 "c2jName" : "NodeToNodeEncryptionOptions",
 "c2jShape" : "NodeToNodeEncryptionOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\nThis is a convenience that creates an instance of the { @link
NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link
NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. \n@param nodeToNodeEncryptionOptions a
consumer that will call methods on { @link NodeToNodeEncryptionOptions.Builder}\n@return Returns a reference
to this object so that method calls can be chained together.\n@see
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
 "deprecated" : false,

```

```

"documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@param nodeToNodeEncryptionOptions Specifies the status
of the <code>NodeToNodeEncryptionOptions</code>.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
"getterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@return Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.",
"getterModel" : {
 "returnType" : "NodeToNodeEncryptionOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NodeToNodeEncryptionOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>\n@param nodeToNodeEncryptionOptions Specifies the status
of the <code>NodeToNodeEncryptionOptions</code>.",
"setterMethodName" : "setNodeToNodeEncryptionOptions",

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"setterModel" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : null,
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAdvancedOptions",
 "beanStyleSetterMethodName" : "setAdvancedOptions",
 "c2jName" : "AdvancedOptions",
 "c2jShape" : "AdvancedOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>AdvancedOptions</code></p>\nThis is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(Map<String,String>)}.\n@param advancedOptions a consumer that will call methods on { @link
Map<String,String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #advancedOptions(Map<String,String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "advancedOptions",
 "fluentSetterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n@param
advancedOptions Specifies the status of the <code>AdvancedOptions</code>\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "advancedOptions",
 "getterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n<p>\nAttempts
to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
Specifies the status of the <code>AdvancedOptions</code>",
 "getterModel" : {

```



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"returnType" : "java.util.Map<String,String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdvancedOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdvancedOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
"implType" : "java.util.HashMap",
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
"beanStyleGetterMethodName" : "getKey",
"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",

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```

 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the Key property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,

```

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"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #value(String)}. \n@param value a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

```

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 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>\n@param
advancedOptions Specifies the status of the <code>AdvancedOptions</code>",
"setterMethodName" : "setAdvancedOptions",

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"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
 "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
 "c2jName" : "LogPublishingOptions",
 "c2jShape" : "LogPublishingOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder } avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder() }. \n\nWhen the { @link Consumer } completes, { @link Map<String,LogPublishingOption>.Builder#build() } is called immediately and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>) }. \n@param logPublishingOptions a consumer that will call methods on { @link Map<String,LogPublishingOption>.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
 "deprecated" : false,
 "documentation" : "<p>Log publishing options for the given domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "logPublishingOptions",
 "fluentEnumSetterMethodName" : "logPublishingOptions",
 "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
 "fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param logPublishingOptions Log publishing options for the given domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "logPublishingOptionsWithStrings",
 "getterDocumentation" : "<p>Log publishing options for the given domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return Log publishing options for the given domain.",
 "getterModel" : {

```

```

"returnType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LogPublishingOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
"implType" : "java.util.HashMap",
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
"beanStyleGetterMethodName" : "getKeyAsString",
"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "LogType",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : "LogType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "key",
"fluentEnumSetterMethodName" : "key",
"fluentGetterMethodName" : "keyAsString",

```

"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that method calls can be chained together.\n@see LogType",

"fluentSetterMethodName" : "key",

"getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #key } will return { @link LogType#UNKNOWN\_TO\_SDK\_VERSION }. The raw value returned by the service is available from { @link #keyAsString }.\n</p>\n@return The value of the Key property for this object.\n@see LogType",

"getterModel" : {  
  "returnType" : "String",  
  "documentation" : null

},

"http" : {

  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "key",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "key",  
  "uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "Key",

"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@see LogType",

"setterMethodName" : "setKey",

"setterModel" : {  
  "variableDeclarationType" : "String",  
  "variableName" : "key",  
  "variableType" : "String",  
  "documentation" : null,  
  "simpleType" : "String",  
  "variableSetterType" : "String"

},

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"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "LogPublishingOption",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer} completes, { @link LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link #value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link LogPublishingOption.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #value(LogPublishingOption)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object. \n@return The value of the Value property for this object.",
 "getterModel" : {
 "returnType" : "LogPublishingOption",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

```



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 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : null,
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : "",
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",

```

```

"setterDocumentation" : "<p>Log publishing options for the given domain.</p>\n@param
logPublishingOptions Log publishing options for the given domain.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null,
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : "<p>Log publishing options for the given domain.</p>",
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
 "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
 "c2jName" : "ServiceSoftwareOptions",
 "c2jShape" : "ServiceSoftwareOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service
software.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder}
avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is
passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions)}. \n@param serviceSoftwareOptions a
consumer that will call methods on { @link ServiceSoftwareOptions.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
 "deprecated" : false,
 "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "serviceSoftwareOptions",
 "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service
software.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch domain's service
software. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "serviceSoftwareOptions",
 "getterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@return
The current status of the Elasticsearch domain's service software.",

```

```

"getterModel" : {
 "returnType" : "ServiceSoftwareOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ServiceSoftwareOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ServiceSoftwareOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch domain's service software.",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : null,
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
 "simpleType" : "ServiceSoftwareOptions",

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```

 "variableSetterType" : "ServiceSoftwareOptions"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["DomainId", "DomainName", "ARN", "ElasticsearchClusterConfig"],
"shapeName" : "ElasticsearchDomainStatus",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "elasticsearchDomainStatus",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
},
"wrapper" : false
},
"ElasticsearchVersionStatus" : {
 "c2jName" : "ElasticsearchVersionStatus",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Status of the Elasticsearch version options for the specified Elasticsearch domain.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",

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"c2jName" : "Options",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #options(String)}. \n@param options
a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #options(String)",
"deprecated" : false,
"documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch
domain.</p>\n@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch
domain.</p>\n@return Specifies the Elasticsearch version for the specified Elasticsearch domain.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,

```

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"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch
domain.</p>\n@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options
for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed
to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Elasticsearch version options for the specified

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Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,

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"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch
domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "Options" : {
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #options(String)}. \n@param options
a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #options(String)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch
domain.</p>\n@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch
domain.</p>\n@return Specifies the Elasticsearch version for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

```



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 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Options",
 "setterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch
domain.</p>\n@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.",
 "setterMethodName" : "setOptions",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"Status" : {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options
for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the {@link

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OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}.  
When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}.  
@param status a consumer that will call methods on { @link OptionStatus.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #status(OptionStatus)",

```
"deprecated" : false,
"documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>\n@return Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.",
"getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
```

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"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #options(String)}. \n@param options
a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #options(String)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch

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domain.</p>\n@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>\n@return Specifies the Elasticsearch version for the specified Elasticsearch domain.",
```

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>\n@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
```

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 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options
for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed
to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

```

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"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch
domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["Options", "Status"],
"shapeName" : "ElasticsearchVersionStatus",
"simpleMethod" : false,
"unmarshaller" : {

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```

 "flattened" : false,
 "resultWrapper" : null
 },
 "variable" : {
 "variableDeclarationType" : "ElasticsearchVersionStatus",
 "variableName" : "elasticsearchVersionStatus",
 "variableType" : "ElasticsearchVersionStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchVersionStatus",
 "variableSetterType" : "ElasticsearchVersionStatus"
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 "wrapper" : false
},
"EncryptionAtRestOptions" : {
 "c2jName" : "EncryptionAtRestOptions",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getEnabled",
 "beanStyleSetterMethodName" : "setEnabled",
 "c2jName" : "Enabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param enabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #enabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",

```

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled
Specifies the option to enable Encryption At Rest.\n@return Returns a reference to this object so that method calls
can be chained together.",
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@return Specifies the
option to enable Encryption At Rest.",
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Enabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Enabled",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled
Specifies the option to enable Encryption At Rest.",
"setterMethodName" : "setEnabled",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",

```



```

 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
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 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getKmsKeyId",
 "beanStyleSetterMethodName" : "setKmsKeyId",
 "c2jName" : "KmsKeyId",
 "c2jShape" : "KmsKeyId",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #kmsKeyId(String)}. \n@param kmsKeyId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #kmsKeyId(String)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "kmsKeyId",
 "fluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@param kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "kmsKeyId",
 "getterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@return Specifies the KMS Key ID for Encryption At Rest options.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```

```

 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "KmsKeyId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "KmsKeyId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "KmsKeyId",
 "setterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@param
kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.",
 "setterMethodName" : "setKmsKeyId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "kmsKeyId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "kmsKeyId",
 "variableType" : "String",
 "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "Enabled" : {
 "beanStyleGetterMethodName" : "getEnabled",
 "beanStyleSetterMethodName" : "setEnabled",

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```

 "c2jName" : "Enabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param enabled a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #enabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "enabled",
 "fluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled Specifies the option to enable Encryption At Rest.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "enabled",
 "getterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@return Specifies the option to enable Encryption At Rest.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Enabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Enabled",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,

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"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled
Specifies the option to enable Encryption At Rest.",
"setterMethodName" : "setEnabled",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"KmsKeyId" : {
 "beanStyleGetterMethodName" : "getKmsKeyId",
 "beanStyleSetterMethodName" : "setKmsKeyId",
 "c2jName" : "KmsKeyId",
 "c2jShape" : "KmsKeyId",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest
options.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #kmsKeyId(String)}. \n@param
kmsKeyId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #kmsKeyId(String)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "kmsKeyId",
 "fluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@param
kmsKeyId Specifies the KMS Key ID for Encryption At Rest options. \n@return Returns a reference to this object so
that method calls can be chained together.",

```

```

 "fluentSetterMethodName" : "kmsKeyId",
 "getterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@return
Specifies the KMS Key ID for Encryption At Rest options.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "KmsKeyId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "KmsKeyId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "KmsKeyId",
 "setterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@param
kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.",
 "setterMethodName" : "setKmsKeyId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "kmsKeyId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "kmsKeyId",

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 "variableType" : "String",
 "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getEnabled",
 "beanStyleSetterMethodName" : "setEnabled",
 "c2jName" : "Enabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At
Rest.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param
enabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #enabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "enabled",
 "fluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled
Specifies the option to enable Encryption At Rest. \n@return Returns a reference to this object so that method calls
can be chained together.",
 "fluentSetterMethodName" : "enabled",
 "getterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@return Specifies the
option to enable Encryption At Rest.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Enabled",

```

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 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Enabled",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "BOOLEAN",
 "name" : "Enabled",
 "setterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled
Specifies the option to enable Encryption At Rest.",
 "setterMethodName" : "setEnabled",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getKmsKeyId",
 "beanStyleSetterMethodName" : "setKmsKeyId",
 "c2jName" : "KmsKeyId",
 "c2jShape" : "KmsKeyId",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest
options.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #kmsKeyId(String)}. \n@param
kmsKeyId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #kmsKeyId(String)",
 "deprecated" : false,

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```

"documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "kmsKeyId",
"fluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@param
kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "kmsKeyId",
"getterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@return
Specifies the KMS Key ID for Encryption At Rest options.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "KmsKeyId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "KmsKeyId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "KmsKeyId",
"setterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>\n@param
kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.",
"setterMethodName" : "setKmsKeyId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "kmsKeyId",

```



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 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "kmsKeyId",
 "variableType" : "String",
 "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "EncryptionAtRestOptions",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"wrapper" : false
},
"EncryptionAtRestOptionsStatus" : {
 "c2jName" : "EncryptionAtRestOptionsStatus",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Status of the Encryption At Rest options for the specified Elasticsearch domain.</p>",
 "enums" : null,

```

```

"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "EncryptionAtRestOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link
EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(EncryptionAtRestOptions)}. \n@param options a consumer that will call methods on { @link
EncryptionAtRestOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(EncryptionAtRestOptions)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@return Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "EncryptionAtRestOptions",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

```

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 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Options",
 "setterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
 "setterMethodName" : "setOptions",
 "setterModel" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "options",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "options",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>",
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the

```

{ @link Consumer } completes, { @link OptionStatus.Builder#build() } is called immediately and its result is passed to { @link #status(OptionStatus)}.  
@param status a consumer that will call methods on { @link OptionStatus.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #status(OptionStatus)",

```
"deprecated" : false,
"documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>\n@return Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.",
"getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
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"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch
domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "Options" : {
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "EncryptionAtRestOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the
specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the {@link
EncryptionAtRestOptions.Builder} avoiding the need to create one manually via {@link
EncryptionAtRestOptions#builder()}. \n\nWhen the {@link Consumer} completes, {@link
EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to {@link
#options(EncryptionAtRestOptions)}. \n@param options a consumer that will call methods on {@link
EncryptionAtRestOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(EncryptionAtRestOptions)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",

```

```

"fluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@return Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
"getterModel" : {
 "returnType" : "EncryptionAtRestOptions",
 "documentation" : null
},
"http" : {
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "options",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,

```

```

"variable" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "options",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>",
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNamespaceUri" : null
},
"Status" : {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options
for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus.Builder}. \n\nWhen the
{ @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed
to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

```

```

 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
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 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
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 "simple" : false,
 "timestampFormat" : null,
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 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch
domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getOptions",

```



```

"beanStyleSetterMethodName" : "setOptions",
"c2jName" : "Options",
"c2jShape" : "EncryptionAtRestOptions",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link
EncryptionAtRestOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(EncryptionAtRestOptions)}. \n@param options a consumer that will call methods on { @link
EncryptionAtRestOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(EncryptionAtRestOptions)",
"deprecated" : false,
"documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>",
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"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch
domain.</p>\n@return Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
"getterModel" : {
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 "documentation" : null
},
"http" : {
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

```

```

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"map" : false,
"mapModel" : null,
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"name" : "Options",
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domain.</p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
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 "variableType" : "EncryptionAtRestOptions",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
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 "variableName" : "options",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>",
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
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"xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for
the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the {@link
OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}. \n\nWhen the
{@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed
to {@link #status(OptionStatus)}. \n@param status a consumer that will call methods on {@link
OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,

```

```

 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 }

```

```

 },
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 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch
domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
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 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["Options", "Status"],
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"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
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 "variableName" : "encryptionAtRestOptionsStatus",
 "variableType" : "EncryptionAtRestOptionsStatus",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptionsStatus",
 "variableSetterType" : "EncryptionAtRestOptionsStatus"
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"wrapper" : false
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"GetCompatibleElasticsearchVersionsRequest" : {
 "c2jName" : "GetCompatibleElasticsearchVersionsRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Container for request parameters to <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,

```

```

"eventStream" : false,
"explicitEventPayloadMember" : null,
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"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
 "action" : "GetCompatibleElasticsearchVersions",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/compatibleVersions",
 "target" : null,
 "verb" : "GET",
 "xmlNamespaceUri" : null
},
"members" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of
the DomainName property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```

```

 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "domainName",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "domainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
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 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
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 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",

```

```

 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
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 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value
of the DomainName property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "domainName",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "domainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,

```

```

"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n\n@param
domainName a consumer that will call methods on { @link String.Builder}\n\n@return Returns a reference to this
object so that method calls can be chained together.\n\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n\n@return Returns a reference to this

```



object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "domainName",
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"getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of the DomainName property for this object.",

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"getterModel" : {
 "returnType" : "String",
 "documentation" : null
```

```
},
```

```
"http" : {
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 "additionalMarshallingPath" : null,
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 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
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```
 "header" : false,
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```
 "isPayload" : false,
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```
 "isStreaming" : false,
```

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 "location" : "querystring",
```

```
 "marshallLocation" : "QUERY_PARAM",
```

```
 "marshallLocationName" : "domainName",
```

```
 "queryString" : true,
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```
 "statusCode" : false,
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```
 "unmarshallLocationName" : "domainName",
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```
 "uri" : false
```

```
},
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"idempotencyToken" : false,
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"isBinary" : false,
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"jsonValue" : false,
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"list" : false,
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"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "DomainName",
```

```
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
```

The new value for the DomainName property for this object.",

```
"setterMethodName" : "setDomainName",
```

```
"setterModel" : {
```

```
 "variableDeclarationType" : "String",
```

```
 "variableName" : "domainName",
```

```
 "variableType" : "String",
```

```
 "documentation" : null,
```

```
 "simpleType" : "String",
```

```
 "variableSetterType" : "String"
```

```
},
```

```
"simple" : true,
```

```
"timestampFormat" : null,
```

```
"variable" : {
```

```
 "variableDeclarationType" : "String",
```

```

 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "GetCompatibleElasticsearchVersionsRequest",
"simpleMethod" : true,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "GetCompatibleElasticsearchVersionsRequest",
 "variableName" : "getCompatibleElasticsearchVersionsRequest",
 "variableType" : "GetCompatibleElasticsearchVersionsRequest",
 "documentation" : null,
 "simpleType" : "GetCompatibleElasticsearchVersionsRequest",
 "variableSetterType" : "GetCompatibleElasticsearchVersionsRequest"
},
"wrapper" : false
},
"GetCompatibleElasticsearchVersionsResponse" : {
 "c2jName" : "GetCompatibleElasticsearchVersionsResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Container for response returned by <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{

```

```

"beanStyleGetterMethodName" : "getCompatibleElasticsearchVersions",
"beanStyleSetterMethodName" : "setCompatibleElasticsearchVersions",
"c2jName" : "CompatibleElasticsearchVersions",
"c2jShape" : "CompatibleElasticsearchVersionsList",
"defaultConsumerFluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as
part of the <code> <a>GetCompatibleElasticsearchVersions </code> operation. </p>\nThis is a convenience
that creates an instance of the { @link List<CompatibleVersionsMap>.Builder} avoiding the need to create one
manually via { @link List<CompatibleVersionsMap>#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link List<CompatibleVersionsMap>.Builder#build()} is called immediately and its result is passed to { @link
#compatibleElasticsearchVersions(List<CompatibleVersionsMap>)}. \n@param compatibleElasticsearchVersions a
consumer that will call methods on { @link List<CompatibleVersionsMap>.Builder} \n@return Returns a reference
to this object so that method calls can be chained together. \n@see
#compatibleElasticsearchVersions(List<CompatibleVersionsMap>)",
"deprecated" : false,
"documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "compatibleElasticsearchVersions",
"fluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>\n@param compatibleElasticsearchVersions
A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. \n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "compatibleElasticsearchVersions",
"getterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException. \n</p>\n@return A map of compatible
Elasticsearch versions returned as part of the <code> <a>GetCompatibleElasticsearchVersions </code>
operation.",
"getterModel" : {
 "returnType" : "java.util.List<CompatibleVersionsMap>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CompatibleElasticsearchVersions",

```

```

"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CompatibleElasticsearchVersions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "CompatibleVersionsMap",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link CompatibleVersionsMap.Builder} avoiding
the need to create one manually via { @link CompatibleVersionsMap#builder()}. \n\nWhen the { @link Consumer}
completes, { @link CompatibleVersionsMap.Builder#build()} is called immediately and its result is passed to
{ @link #member(CompatibleVersionsMap)}. \n@param member a consumer that will call methods on { @link
CompatibleVersionsMap.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(CompatibleVersionsMap)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "CompatibleVersionsMap",
 "documentation" : null
 }
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```

```

 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "CompatibleVersionsMap",
 "variableName" : "member",
 "variableType" : "CompatibleVersionsMap",
 "documentation" : null,
 "simpleType" : "CompatibleVersionsMap",
 "variableSetterType" : "CompatibleVersionsMap"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "CompatibleVersionsMap",
 "variableName" : "member",
 "variableType" : "CompatibleVersionsMap",
 "documentation" : "",
 "simpleType" : "CompatibleVersionsMap",
 "variableSetterType" : "CompatibleVersionsMap"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "CompatibleVersionsMap",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,

```

```

 "simpleType" : "CompatibleVersionsMap",
 "templateImplType" : "java.util.ArrayList<CompatibleVersionsMap>",
 "templateType" : "java.util.List<CompatibleVersionsMap>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "CompatibleElasticsearchVersions",
 "setterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>\n@param compatibleElasticsearchVersions
A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation.",
 "setterMethodName" : "setCompatibleElasticsearchVersions",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
 "variableName" : "compatibleElasticsearchVersions",
 "variableType" : "java.util.List<CompatibleVersionsMap>",
 "documentation" : null,
 "simpleType" : "List<CompatibleVersionsMap>",
 "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
 "variableName" : "compatibleElasticsearchVersions",
 "variableType" : "java.util.List<CompatibleVersionsMap>",
 "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>",
 "simpleType" : "List<CompatibleVersionsMap>",
 "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "CompatibleElasticsearchVersions" : {
 "beanStyleGetterMethodName" : "getCompatibleElasticsearchVersions",
 "beanStyleSetterMethodName" : "setCompatibleElasticsearchVersions",
 "c2jName" : "CompatibleElasticsearchVersions",
 "c2jShape" : "CompatibleElasticsearchVersionsList",
 "defaultConsumerFluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as
part of the <code> <a>GetCompatibleElasticsearchVersions </code> operation. </p>\nThis is a convenience
that creates an instance of the { @link List<CompatibleVersionsMap>.Builder} avoiding the need to create one
manually via { @link List<CompatibleVersionsMap>#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link List<CompatibleVersionsMap>.Builder#build()} is called immediately and its result is passed to { @link
#compatibleElasticsearchVersions(List<CompatibleVersionsMap>)}. \n@param compatibleElasticsearchVersions a
consumer that will call methods on { @link List<CompatibleVersionsMap>.Builder} \n@return Returns a reference
to this object so that method calls can be chained together. \n@see

```

```

#compatibleElasticsearchVersions(List<CompatibleVersionsMap>)",
 "deprecated" : false,
 "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "compatibleElasticsearchVersions",
 "fluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the
<code> <a>GetCompatibleElasticsearchVersions </code> operation. </p>\n@param
compatibleElasticsearchVersions A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "compatibleElasticsearchVersions",
 "getterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException.\n</p>\n@return A map of compatible
Elasticsearch versions returned as part of the <code> <a>GetCompatibleElasticsearchVersions </code>
operation.",
 "getterModel" : {
 "returnType" : "java.util.List<CompatibleVersionsMap>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CompatibleElasticsearchVersions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CompatibleElasticsearchVersions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",

```

```

"listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "CompatibleVersionsMap",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link CompatibleVersionsMap.Builder} avoiding
the need to create one manually via { @link CompatibleVersionsMap#builder()}. \n\nWhen the { @link Consumer}
completes, { @link CompatibleVersionsMap.Builder#build()} is called immediately and its result is passed to
{ @link #member(CompatibleVersionsMap)}. \n@param member a consumer that will call methods on { @link
CompatibleVersionsMap.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(CompatibleVersionsMap)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "CompatibleVersionsMap",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,

```



```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "CompatibleVersionsMap",
 "variableName" : "member",
 "variableType" : "CompatibleVersionsMap",
 "documentation" : null,
 "simpleType" : "CompatibleVersionsMap",
 "variableSetterType" : "CompatibleVersionsMap"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "CompatibleVersionsMap",
 "variableName" : "member",
 "variableType" : "CompatibleVersionsMap",
 "documentation" : "",
 "simpleType" : "CompatibleVersionsMap",
 "variableSetterType" : "CompatibleVersionsMap"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "CompatibleVersionsMap",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "CompatibleVersionsMap",
"templateImplType" : "java.util.ArrayList<CompatibleVersionsMap>",
"templateType" : "java.util.List<CompatibleVersionsMap>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "CompatibleElasticsearchVersions",
"setterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>\n\n@param compatibleElasticsearchVersions
A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation.",

```

```

"setterMethodName" : "setCompatibleElasticsearchVersions",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
 "variableName" : "compatibleElasticsearchVersions",
 "variableType" : "java.util.List<CompatibleVersionsMap>",
 "documentation" : null,
 "simpleType" : "List<CompatibleVersionsMap>",
 "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
 "variableName" : "compatibleElasticsearchVersions",
 "variableType" : "java.util.List<CompatibleVersionsMap>",
 "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>",
 "simpleType" : "List<CompatibleVersionsMap>",
 "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getCompatibleElasticsearchVersions",
 "beanStyleSetterMethodName" : "setCompatibleElasticsearchVersions",
 "c2jName" : "CompatibleElasticsearchVersions",
 "c2jShape" : "CompatibleElasticsearchVersionsList",
 "defaultConsumerFluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as
part of the <code> <a>GetCompatibleElasticsearchVersions </code> operation. </p>\nThis is a convenience
that creates an instance of the { @link List<CompatibleVersionsMap>.Builder} avoiding the need to create one
manually via { @link List<CompatibleVersionsMap>#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link List<CompatibleVersionsMap>.Builder#build()} is called immediately and its result is passed to { @link
#compatibleElasticsearchVersions(List<CompatibleVersionsMap>)}. \n@param compatibleElasticsearchVersions a
consumer that will call methods on { @link List<CompatibleVersionsMap>.Builder} \n@return Returns a reference
to this object so that method calls can be chained together. \n@see
#compatibleElasticsearchVersions(List<CompatibleVersionsMap>)",
 "deprecated" : false,
 "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "compatibleElasticsearchVersions",
 "fluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>\n@param compatibleElasticsearchVersions

```

A map of compatible Elasticsearch versions returned as part of the `<a>GetCompatibleElasticsearchVersions</a>` operation. `\n@return` Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "compatibleElasticsearchVersions",
```

```
"getterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions </code> operation. </p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return A map of compatible Elasticsearch versions returned as part of the <code> <a>GetCompatibleElasticsearchVersions </code> operation.",
```

```
"getterModel" : {
```

```
 "returnType" : "java.util.List<CompatibleVersionsMap>",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "CompatibleElasticsearchVersions",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "CompatibleElasticsearchVersions",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : true,
```

```
"listModel" : {
```

```
 "implType" : "java.util.ArrayList",
```

```
 "interfaceType" : "java.util.List",
```

```
 "listMemberModel" : {
```

```
 "beanStyleGetterMethodName" : "getMember",
```

```
 "beanStyleSetterMethodName" : "setMember",
```

```
 "c2jName" : "member",
```

```
 "c2jShape" : "CompatibleVersionsMap",
```

```
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link CompatibleVersionsMap.Builder} avoiding the need to create one manually via { @link CompatibleVersionsMap#builder()}. \n\nWhen the { @link Consumer} completes, { @link CompatibleVersionsMap.Builder#build()} is called immediately and its result is passed to { @link #member(CompatibleVersionsMap)}. \n\n@param member a consumer that will call methods on { @link CompatibleVersionsMap.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #member(CompatibleVersionsMap)",
```

```

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
 "returnType" : "CompatibleVersionsMap",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "CompatibleVersionsMap",

```

```

 "variableName" : "member",
 "variableType" : "CompatibleVersionsMap",
 "documentation" : null,
 "simpleType" : "CompatibleVersionsMap",
 "variableSetterType" : "CompatibleVersionsMap"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "CompatibleVersionsMap",
 "variableName" : "member",
 "variableType" : "CompatibleVersionsMap",
 "documentation" : "",
 "simpleType" : "CompatibleVersionsMap",
 "variableSetterType" : "CompatibleVersionsMap"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "CompatibleVersionsMap",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "CompatibleVersionsMap",
"templateImplType" : "java.util.ArrayList<CompatibleVersionsMap>",
"templateType" : "java.util.List<CompatibleVersionsMap>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "CompatibleElasticsearchVersions",
"setterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>\n@param compatibleElasticsearchVersions
A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation.",
"setterMethodName" : "setCompatibleElasticsearchVersions",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
 "variableName" : "compatibleElasticsearchVersions",
 "variableType" : "java.util.List<CompatibleVersionsMap>",
 "documentation" : null,
 "simpleType" : "List<CompatibleVersionsMap>",
 "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {

```

```

 "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
 "variableName" : "compatibleElasticsearchVersions",
 "variableType" : "java.util.List<CompatibleVersionsMap>",
 "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions </code> operation. </p>",
 "simpleType" : "List<CompatibleVersionsMap>",
 "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "GetCompatibleElasticsearchVersionsResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "GetCompatibleElasticsearchVersionsResponse",
 "variableName" : "getCompatibleElasticsearchVersionsResponse",
 "variableType" : "GetCompatibleElasticsearchVersionsResponse",
 "documentation" : null,
 "simpleType" : "GetCompatibleElasticsearchVersionsResponse",
 "variableSetterType" : "GetCompatibleElasticsearchVersionsResponse"
},
"wrapper" : false
},
"GetUpgradeHistoryRequest" : {
 "c2jName" : "GetUpgradeHistoryRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Container for request parameters to <code> <a>GetUpgradeHistory </code>
operation. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,

```

```

"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
 "action" : "GetUpgradeHistory",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/upgradeDomain/{DomainName}/history",
 "target" : null,
 "verb" : "GET",
 "xmlNamespaceUri" : null
},
"members" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of
the DomainName property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

```

```

"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaxResults property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create
one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}. \n@param

```



maxResults a consumer that will call methods on {@link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #maxResults(Integer)",

```

 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "maxResults",
 "fluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.\n\n@param
maxResults The new value for the MaxResults property for this object.\n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "maxResults",
 "getterDocumentation" : "Returns the value of the MaxResults property for this object.\n@return The value of
the MaxResults property for this object.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "maxResults",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "MaxResults",
 "setterDocumentation" : "Sets the value of the MaxResults property for this object.\n\n@param maxResults The
new value for the MaxResults property for this object.",
 "setterMethodName" : "setMaxResults",

```

```

"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n@param nextToken
The new value for the NextToken property for this object.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of
the NextToken property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
}

```

```

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "nextToken",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "nextToken",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The
new value for the NextToken property for this object.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],

```

```

"membersAsMap" : {
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value
of the DomainName property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
 },
 "idempotencyToken" : false,
 "isBinary" : false,

```

```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"MaxResults" : {
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaxResults property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create
one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}. \n@param
maxResults a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #maxResults(Integer)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,

```

```

 "fluentGetterMethodName" : "maxResults",
 "fluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.\n\n@param
maxResults The new value for the MaxResults property for this object.\n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "maxResults",
 "getterDocumentation" : "Returns the value of the MaxResults property for this object.\n@return The value of
the MaxResults property for this object.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "maxResults",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "MaxResults",
 "setterDocumentation" : "Sets the value of the MaxResults property for this object.\n\n@param maxResults
The new value for the MaxResults property for this object.",
 "setterMethodName" : "setMaxResults",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,

```

```

"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"NextToken" : {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param
nextToken The new value for the NextToken property for this object.\n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of
the NextToken property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

```

```

"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "nextToken",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The
new value for the NextToken property for this object.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create

```



one manually via `{ @link String#builder() }`.  
When the `{ @link Consumer }` completes, `{ @link String.Builder#build() }` is called immediately and its result is passed to `{ @link #domainName(String) }`.  
`@param domainName` a consumer that will call methods on `{ @link String.Builder }`.  
`@return` Returns a reference to this object so that method calls can be chained together.  
`@see #domainName(String)`,

```
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of
the DomainName property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
```

The new value for the DomainName property for this object.",

```
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaxResults property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create
one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}. \n@param
maxResults a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #maxResults(Integer)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "maxResults",
 "fluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.\n\n@param
maxResults The new value for the MaxResults property for this object.\n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "maxResults",
 "getterDocumentation" : "Returns the value of the MaxResults property for this object.\n@return The value of
the MaxResults property for this object.",
 "getterModel" : {
 "returnType" : "Integer",
```

```

"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "maxResults",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "Sets the value of the MaxResults property for this object.\n\n@param maxResults The
new value for the MaxResults property for this object.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},

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 "xmlNamespaceUri" : null
 }, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken
The new value for the NextToken property for this object.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of
the NextToken property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "nextToken",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "nextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The
new value for the NextToken property for this object.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["DomainName"],
"shapeName" : "GetUpgradeHistoryRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "GetUpgradeHistoryRequest",
 "variableName" : "getUpgradeHistoryRequest",
 "variableType" : "GetUpgradeHistoryRequest",
 "documentation" : null,
 "simpleType" : "GetUpgradeHistoryRequest",
 "variableSetterType" : "GetUpgradeHistoryRequest"
},
"wrapper" : false
},
"GetUpgradeHistoryResponse" : {
 "c2jName" : "GetUpgradeHistoryResponse",

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"customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p> Container for response returned by <code> <a>GetUpgradeHistory </code>
operation. </p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getUpgradeHistories",
 "beanStyleSetterMethodName" : "setUpgradeHistories",
 "c2jName" : "UpgradeHistories",
 "c2jShape" : "UpgradeHistoryList",
 "defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory </code>
objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of
<code> <a>GetUpgradeHistoryResponse </code> object. </p>\nThis is a convenience that creates an instance
of the { @link List<UpgradeHistory>.Builder} avoiding the need to create one manually via { @link
List<UpgradeHistory>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<UpgradeHistory>.Builder#build()} is called immediately and its result is passed to { @link
#upgradeHistories(List<UpgradeHistory>)}. \n@param upgradeHistories a consumer that will call methods on
{ @link List<UpgradeHistory>.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #upgradeHistories(List<UpgradeHistory>)",
 "deprecated" : false,
 "documentation" : "<p> A list of <code> <a>UpgradeHistory </code> objects corresponding to each
Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse </code> object. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "upgradeHistories",
 "fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory </code> objects corresponding to
each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse </code> object. </p>\n@param upgradeHistories A list of <code>

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`<a>UpgradeHistory</a>` objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of `<a>GetUpgradeHistoryResponse</a>` object.  
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "upgradeHistories",

"getterDocumentation" : "<p> A list of `<a>UpgradeHistory</a>` objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of `<a>GetUpgradeHistoryResponse</a>` object. </p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return A list of `<a>UpgradeHistory</a>` objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of `<a>GetUpgradeHistoryResponse</a>` object.",

<a>GetUpgradeHistoryResponse</a> </code> object. </p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return A list of `<a>UpgradeHistory</a>` objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of `<a>GetUpgradeHistoryResponse</a>` object.",

<a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of `<a>GetUpgradeHistoryResponse</a>` object.",

"getterModel" : {

"returnType" : "java.util.List<UpgradeHistory>",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "UpgradeHistories",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "UpgradeHistories",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {

"implType" : "java.util.ArrayList",

"interfaceType" : "java.util.List",

"listMemberModel" : {

"beanStyleGetterMethodName" : "getMember",

"beanStyleSetterMethodName" : "setMember",

"c2jName" : "member",

"c2jShape" : "UpgradeHistory",

"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link UpgradeHistory.Builder} avoiding the need to create one manually via { @link UpgradeHistory#builder()}. \n\nWhen the { @link Consumer} completes, { @link UpgradeHistory.Builder#build()} is called immediately and its result is passed to { @link #member(UpgradeHistory)}. \n\n@param member a consumer that will call methods on { @link UpgradeHistory.Builder} \n\n@return Returns a reference to this object so that method calls can be chained

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together.\n@see #member(UpgradeHistory)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "UpgradeHistory",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {

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 "variableDeclarationType" : "UpgradeHistory",
 "variableName" : "member",
 "variableType" : "UpgradeHistory",
 "documentation" : null,
 "simpleType" : "UpgradeHistory",
 "variableSetterType" : "UpgradeHistory"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "UpgradeHistory",
 "variableName" : "member",
 "variableType" : "UpgradeHistory",
 "documentation" : "",
 "simpleType" : "UpgradeHistory",
 "variableSetterType" : "UpgradeHistory"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeHistory",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeHistory",
"templateImplType" : "java.util.ArrayList<UpgradeHistory>",
"templateType" : "java.util.List<UpgradeHistory>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "UpgradeHistories",
"setterDocumentation" : "<p>A list of <code><a>UpgradeHistory</code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</code> object. </p>\n@param upgradeHistories A list of <code><a>UpgradeHistory</code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</code> object.",
"setterMethodName" : "setUpgradeHistories",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<UpgradeHistory>",
 "variableName" : "upgradeHistories",
 "variableType" : "java.util.List<UpgradeHistory>",
 "documentation" : null,
 "simpleType" : "List<UpgradeHistory>",
 "variableSetterType" : "java.util.Collection<UpgradeHistory>"
},
"simple" : false,

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"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<UpgradeHistory>",
 "variableName" : "upgradeHistories",
 "variableType" : "java.util.List<UpgradeHistory>",
 "documentation" : "<p> A list of <code> <a>UpgradeHistory </code> objects corresponding to each
Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse </code> object. </p>",
 "simpleType" : "List<UpgradeHistory>",
 "variableSetterType" : "java.util.Collection<UpgradeHistory>"
},
"xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call
to get the next page of results</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link String.Builder}\n@return
Returns a reference to this object so that method calls can be chained together. \n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next
page of results</p>\n@param nextToken Pagination token that needs to be supplied to the next call to get the next
page of results\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>\n@return Pagination token that needs to be supplied to the next call to get the next page of results",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

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 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NextToken",
 "setterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>\n@param nextToken Pagination token that needs to be supplied to the next call to get the next page of
results",
 "setterMethodName" : "setNextToken",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "NextToken" : {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",

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 "c2jName" : "NextToken",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next
call to get the next page of results</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link String.Builder}\n@return
Returns a reference to this object so that method calls can be chained together. \n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next
page of results</p>\n@param nextToken Pagination token that needs to be supplied to the next call to get the next
page of results\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>\n@return Pagination token that needs to be supplied to the next call to get the next page of results",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,

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"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>\n@param nextToken Pagination token that needs to be supplied to the next call to get the next page of
results",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"UpgradeHistories" : {
 "beanStyleGetterMethodName" : "getUpgradeHistories",
 "beanStyleSetterMethodName" : "setUpgradeHistories",
 "c2jName" : "UpgradeHistories",
 "c2jShape" : "UpgradeHistoryList",
 "defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory </code>
objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of
<code> <a>GetUpgradeHistoryResponse </code> object. </p>\nThis is a convenience that creates an instance
of the { @link List<UpgradeHistory>.Builder} avoiding the need to create one manually via { @link
List<UpgradeHistory>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<UpgradeHistory>.Builder#build()} is called immediately and its result is passed to { @link
#upgradeHistories(List<UpgradeHistory>)}. \n@param upgradeHistories a consumer that will call methods on
{ @link List<UpgradeHistory>.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #upgradeHistories(List<UpgradeHistory>)",
 "deprecated" : false,
 "documentation" : "<p> A list of <code> <a>UpgradeHistory </code> objects corresponding to each
Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse </code> object. </p>",
 "enumType" : null,

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 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "upgradeHistories",
 "fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory </code> objects corresponding
to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse </code> object. </p>\n@param upgradeHistories A list of <code>
<a>UpgradeHistory </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed
on a domain returned as part of <code> <a>GetUpgradeHistoryResponse </code> object.\n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "upgradeHistories",
 "getterDocumentation" : "<p> A list of <code> <a>UpgradeHistory </code> objects corresponding to
each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse </code> object. </p>\n<p>\nAttempts to modify the collection returned by
this method will result in an UnsupportedOperationException.\n</p>\n@return A list of <code>
<a>UpgradeHistory </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed
on a domain returned as part of <code> <a>GetUpgradeHistoryResponse </code> object.",
 "getterModel" : {
 "returnType" : "java.util.List<UpgradeHistory>",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeHistories",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeHistories",
 "uri" : false
 },
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",

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 "c2jName" : "member",
 "c2jShape" : "UpgradeHistory",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link UpgradeHistory.Builder} avoiding the need
to create one manually via { @link UpgradeHistory#builder()}. \n\nWhen the { @link Consumer} completes, { @link
UpgradeHistory.Builder#build()} is called immediately and its result is passed to { @link
#member(UpgradeHistory)}. \n@param member a consumer that will call methods on { @link
UpgradeHistory.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(UpgradeHistory)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "UpgradeHistory",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,

```

```

"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "UpgradeHistory",
 "variableName" : "member",
 "variableType" : "UpgradeHistory",
 "documentation" : null,
 "simpleType" : "UpgradeHistory",
 "variableSetterType" : "UpgradeHistory"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "UpgradeHistory",
 "variableName" : "member",
 "variableType" : "UpgradeHistory",
 "documentation" : "",
 "simpleType" : "UpgradeHistory",
 "variableSetterType" : "UpgradeHistory"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeHistory",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeHistory",
"templateImplType" : "java.util.ArrayList<UpgradeHistory>",
"templateType" : "java.util.List<UpgradeHistory>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "UpgradeHistories",
"setterDocumentation" : "<p> A list of <code> <a>UpgradeHistory </code> objects corresponding to
each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse </code> object. </p>\n\n@param upgradeHistories A list of <code>
<a>UpgradeHistory </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed
on a domain returned as part of <code> <a>GetUpgradeHistoryResponse </code> object.",
"setterMethodName" : "setUpgradeHistories",
"setterModel" : {

```



```

"variableDeclarationType" : "java.util.List<UpgradeHistory>",
"variableName" : "upgradeHistories",
"variableType" : "java.util.List<UpgradeHistory>",
"documentation" : null,
"simpleType" : "List<UpgradeHistory>",
"variableSetterType" : "java.util.Collection<UpgradeHistory>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<UpgradeHistory>",
"variableName" : "upgradeHistories",
"variableType" : "java.util.List<UpgradeHistory>",
"documentation" : "<p> A list of <code> <a>UpgradeHistory </code> objects corresponding to each
Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse </code> object. </p>",
"simpleType" : "List<UpgradeHistory>",
"variableSetterType" : "java.util.Collection<UpgradeHistory>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
"beanStyleGetterMethodName" : "getUpgradeHistories",
"beanStyleSetterMethodName" : "setUpgradeHistories",
"c2jName" : "UpgradeHistories",
"c2jShape" : "UpgradeHistoryList",
"defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory </code>
objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of
<code> <a>GetUpgradeHistoryResponse </code> object. </p>\nThis is a convenience that creates an instance
of the { @link List<UpgradeHistory>.Builder} avoiding the need to create one manually via { @link
List<UpgradeHistory>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<UpgradeHistory>.Builder#build()} is called immediately and its result is passed to { @link
#upgradeHistories(List<UpgradeHistory>)}. \n@param upgradeHistories a consumer that will call methods on
{ @link List<UpgradeHistory>.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #upgradeHistories(List<UpgradeHistory>)",
"deprecated" : false,
"documentation" : "<p> A list of <code> <a>UpgradeHistory </code> objects corresponding to each
Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse </code> object. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeHistories",
"fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory </code> objects corresponding to
each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>

```

`<a>GetUpgradeHistoryResponse</a>` object. `</p>\n@param upgradeHistories` A list of `<code><a>UpgradeHistory</a>` objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of `<code><a>GetUpgradeHistoryResponse</a>` object.`</p>\n@return` Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "upgradeHistories",
```

```
"getterDocumentation" : "<p> A list of <a>UpgradeHistory objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse object. </p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return A list of <code><a>UpgradeHistory objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse object.",
```

```
"getterModel" : {
 "returnType" : "java.util.List<UpgradeHistory>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeHistories",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeHistories",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "UpgradeHistory",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link UpgradeHistory.Builder} avoiding the need to create one manually via { @link UpgradeHistory#builder()}. \n\nWhen the { @link Consumer} completes, { @link UpgradeHistory.Builder#build()} is called immediately and its result is passed to { @link #member(UpgradeHistory)}. \n\n@param member a consumer that will call methods on { @link
```

UpgradeHistory.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(UpgradeHistory)",

```
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
```

"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "member",
```

"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of the Member property for this object.",

```
"getterModel" : {
 "returnType" : "UpgradeHistory",
 "documentation" : null
```

```
},
```

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"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
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"listModel" : null,
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"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "SDK_POJO",
```

```
"name" : "Member",
```

"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",

```
"setterMethodName" : "setMember",
```

```

"setterModel" : {
 "variableDeclarationType" : "UpgradeHistory",
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 "variableType" : "UpgradeHistory",
 "documentation" : null,
 "simpleType" : "UpgradeHistory",
 "variableSetterType" : "UpgradeHistory"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "UpgradeHistory",
 "variableName" : "member",
 "variableType" : "UpgradeHistory",
 "documentation" : "",
 "simpleType" : "UpgradeHistory",
 "variableSetterType" : "UpgradeHistory"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeHistory",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeHistory",
"templateImplType" : "java.util.ArrayList<UpgradeHistory>",
"templateType" : "java.util.List<UpgradeHistory>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "UpgradeHistories",
"setterDocumentation" : "<p> A list of <code> <a>UpgradeHistory </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse </code> object. </p>\n@param upgradeHistories A list of <code> <a>UpgradeHistory </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse </code> object.",
"setterMethodName" : "setUpgradeHistories",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<UpgradeHistory>",
 "variableName" : "upgradeHistories",
 "variableType" : "java.util.List<UpgradeHistory>",
 "documentation" : null,
 "simpleType" : "List<UpgradeHistory>",
 "variableSetterType" : "java.util.Collection<UpgradeHistory>"
},

```

```

"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<UpgradeHistory>",
 "variableName" : "upgradeHistories",
 "variableType" : "java.util.List<UpgradeHistory>",
 "documentation" : "<p> A list of <code> <a>UpgradeHistory </code> objects corresponding to each
Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>
<a>GetUpgradeHistoryResponse </code> object. </p>",
 "simpleType" : "List<UpgradeHistory>",
 "variableSetterType" : "java.util.Collection<UpgradeHistory>"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call
to get the next page of results</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link String.Builder}\n@return
Returns a reference to this object so that method calls can be chained together. \n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next
page of results</p>\n@param nextToken Pagination token that needs to be supplied to the next call to get the next
page of results\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of
results</p>\n@return Pagination token that needs to be supplied to the next call to get the next page of results",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

```

```

 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NextToken",
 "setterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>\n@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results",
 "setterMethodName" : "setNextToken",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,

```

```

"shapeName" : "GetUpgradeHistoryResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "GetUpgradeHistoryResponse",
 "variableName" : "getUpgradeHistoryResponse",
 "variableType" : "GetUpgradeHistoryResponse",
 "documentation" : null,
 "simpleType" : "GetUpgradeHistoryResponse",
 "variableSetterType" : "GetUpgradeHistoryResponse"
},
"wrapper" : false
},
"GetUpgradeStatusRequest" : {
 "c2jName" : "GetUpgradeStatusRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Container for request parameters to <code> <a>GetUpgradeStatus </code>
operation. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "GetUpgradeStatus",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/upgradeDomain/{DomainName}/status",
 "target" : null,
 "verb" : "GET",
 "xmlNamespaceUri" : null
 },
 "members" : [{
 "beanStyleGetterMethodName" : "getDomainName",

```

```

"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of
the DomainName property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,

```



```

"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n\n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param

```

domainName The new value for the DomainName property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "domainName",
```

"getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of the DomainName property for this object.",

```
"getterModel" : {
```

```
 "returnType" : "String",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
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```
 "greedy" : false,
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```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : "uri",
```

```
 "marshallLocation" : "PATH",
```

```
 "marshallLocationName" : "DomainName",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "DomainName",
```

```
 "uri" : true
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
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"listModel" : null,
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"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "DomainName",
```

"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName The new value for the DomainName property for this object.",

```
"setterMethodName" : "setDomainName",
```

```
"setterModel" : {
```

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 "variableName" : "domainName",
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 "variableType" : "String",
```

```
 "documentation" : null,
```

```
 "simpleType" : "String",
```

```
 "variableSetterType" : "String"
```

```
},
```

```
"simple" : true,
```

```
"timestampFormat" : null,
```

```
"variable" : {
```

```

 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of
the DomainName property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",

```

```

 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["DomainName"],
"shapeName" : "GetUpgradeStatusRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "GetUpgradeStatusRequest",
 "variableName" : "getUpgradeStatusRequest",

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"variableType" : "GetUpgradeStatusRequest",
"documentation" : null,
"simpleType" : "GetUpgradeStatusRequest",
"variableSetterType" : "GetUpgradeStatusRequest"
},
"wrapper" : false
},
"GetUpgradeStatusResponse" : {
"c2jName" : "GetUpgradeStatusResponse",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p> Container for response returned by <code> <a>GetUpgradeStatus </code>
operation. </p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
"beanStyleGetterMethodName" : "getUpgradeStepAsString",
"beanStyleSetterMethodName" : "setUpgradeStep",
"c2jName" : "UpgradeStep",
"c2jShape" : "UpgradeStep",
"defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade
Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String.Builder}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #upgradeStepAsString(String)}. \n@param upgradeStep a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #upgradeStep(String)",
"deprecated" : false,
"documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
 PreUpgradeCheck Snapshot Upgrade </p>",
"enumType" : "UpgradeStep",
"eventHeader" : false,
"eventPayload" : false,

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 "fluentEnumGetterMethodName" : "upgradeStep",
 "fluentEnumSetterMethodName" : "upgradeStep",
 "fluentGetterMethodName" : "upgradeStepAsString",
 "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
does through: PreUpgradeCheck Snapshot Upgrade </p>\n@param
upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep\n@return Returns a
reference to this object so that method calls can be chained together.\n@see UpgradeStep",
 "fluentSetterMethodName" : "upgradeStep",
 "getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: PreUpgradeCheck Snapshot Upgrade </p>\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #upgradeStep } will return { @link
UpgradeStep#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#upgradeStepAsString }.</p>\n@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
does through: PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStep",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStep",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "UpgradeStep",
 "setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: PreUpgradeCheck Snapshot Upgrade </p>\n@param upgradeStep
Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep",

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"setterMethodName" : "setUpgradeStep",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
 PreUpgradeCheck Snapshot Upgrade </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStepStatusAsString",
 "beanStyleSetterMethodName" : "setStepStatus",
 "c2jName" : "StepStatus",
 "c2jShape" : "UpgradeStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> One of 4 statuses that a step can go through returned as
part of the <code> <a>GetUpgradeStatusResponse </code> object. The status can take one of the following
values: In Progress Succeeded Succeeded with Issues Failed
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #stepStatusAsString(String)}. \n@param stepStatus a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #stepStatus(String)",
 "deprecated" : false,
 "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse </code> object. The status can take one of the following values: In
Progress Succeeded Succeeded with Issues Failed </p>",
 "enumType" : "UpgradeStatus",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "stepStatus",
 "fluentEnumSetterMethodName" : "stepStatus",
 "fluentGetterMethodName" : "stepStatusAsString",
 "fluentSetterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse </code> object. The status can take one of the following values: In
Progress Succeeded Succeeded with Issues Failed </p>\n@param stepStatus
One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse

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</code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStatus",

"fluentSetterMethodName" : "stepStatus",

"getterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #stepStatus } will return { @link UpgradeStatus#UNKNOWN\_TO\_SDK\_VERSION}. The raw value returned by the service is available from { @link #stepStatusAsString}.\n</p>\n@return One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus",

"getterModel" : {

"returnType" : "String",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "StepStatus",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "StepStatus",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "StepStatus",

"setterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n@param stepStatus One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus",



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"setterMethodName" : "setStepStatus",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "stepStatus",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "stepStatus",
 "variableType" : "String",
 "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse </code> object. The status can take one of the following values: In
Progress Succeeded Succeeded with Issues Failed </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpgradeName",
 "beanStyleSetterMethodName" : "setUpgradeName",
 "c2jName" : "UpgradeName",
 "c2jShape" : "UpgradeName",
 "defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #upgradeName(String)}. \n@param upgradeName a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #upgradeName(String)",
 "deprecated" : false,
 "documentation" : "<p>A string that describes the update briefly</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "upgradeName",
 "fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A
string that describes the update briefly\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "upgradeName",
 "getterDocumentation" : "<p>A string that describes the update briefly</p>\n@return A string that describes the
update briefly",
 "getterModel" : {

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 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "UpgradeName",
 "setterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string
that describes the update briefly",
 "setterMethodName" : "setUpgradeName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeName",
 "variableType" : "String",
 "documentation" : "<p>A string that describes the update briefly</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 }

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 },
 "xmlNamespaceUri" : null
 }],
 "membersAsMap" : {
 "StepStatus" : {
 "beanStyleGetterMethodName" : "getStepStatusAsString",
 "beanStyleSetterMethodName" : "setStepStatus",
 "c2jName" : "StepStatus",
 "c2jShape" : "UpgradeStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> One of 4 statuses that a step can go through returned as
part of the <code> <a>GetUpgradeStatusResponse </code> object. The status can take one of the following
values: In Progress Succeeded Succeeded with Issues Failed
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #stepStatusAsString(String)}. \n@param stepStatus a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #stepStatus(String)",
 "deprecated" : false,
 "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse </code> object. The status can take one of the following values: In
Progress Succeeded Succeeded with Issues Failed </p>",
 "enumType" : "UpgradeStatus",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "stepStatus",
 "fluentEnumSetterMethodName" : "stepStatus",
 "fluentGetterMethodName" : "stepStatusAsString",
 "fluentSetterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse </code> object. The status can take one of the following values: In
Progress Succeeded Succeeded with Issues Failed </p>\n@param stepStatus
One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse
</code> object. The status can take one of the following values: In Progress Succeeded
Succeeded with Issues Failed \n@see UpgradeStatus\n@return Returns a reference to this
object so that method calls can be chained together. \n@see UpgradeStatus",
 "fluentSetterMethodName" : "stepStatus",
 "getterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse </code> object. The status can take one of the following values: In
Progress Succeeded Succeeded with Issues Failed </p>\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #stepStatus} will return { @link
UpgradeStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from
{ @link #stepStatusAsString}. \n</p>\n@return One of 4 statuses that a step can go through returned as part of the
<code> <a>GetUpgradeStatusResponse </code> object. The status can take one of the following values:
In Progress Succeeded Succeeded with Issues Failed \n@see
UpgradeStatus",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
 },
 },

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"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StepStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StepStatus",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StepStatus",
"setterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse </code> object. The status can take one of the following values: In
Progress Succeeded Succeeded with Issues Failed </p>\n@param stepStatus
One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse
</code> object. The status can take one of the following values: In Progress Succeeded
Succeeded with Issues Failed \n@see UpgradeStatus",
"setterMethodName" : "setStepStatus",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "stepStatus",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "stepStatus",
 "variableType" : "String",
 "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse </code> object. The status can take one of the following values: In

```

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Progress Succeeded Succeeded with Issues Failed </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"UpgradeName" : {
 "beanStyleGetterMethodName" : "getUpgradeName",
 "beanStyleSetterMethodName" : "setUpgradeName",
 "c2jName" : "UpgradeName",
 "c2jShape" : "UpgradeName",
 "defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #upgradeName(String)}. \n@param upgradeName a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #upgradeName(String)",
 "deprecated" : false,
 "documentation" : "<p>A string that describes the update briefly</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "upgradeName",
 "fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A
string that describes the update briefly\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "upgradeName",
 "getterDocumentation" : "<p>A string that describes the update briefly</p>\n@return A string that describes
the update briefly",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeName",
 "queryString" : false,
 "statusCode" : false,

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 "unmarshallLocationName" : "UpgradeName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "UpgradeName",
 "setterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string
that describes the update briefly",
 "setterMethodName" : "setUpgradeName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeName",
 "variableType" : "String",
 "documentation" : "<p>A string that describes the update briefly</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"UpgradeStep" : {
 "beanStyleGetterMethodName" : "getUpgradeStepAsString",
 "beanStyleSetterMethodName" : "setUpgradeStep",
 "c2jName" : "UpgradeStep",
 "c2jShape" : "UpgradeStep",
 "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade
Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #upgradeStepAsString(String)}. \n@param upgradeStep a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #upgradeStep(String)",
 "deprecated" : false,

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"documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
 PreUpgradeCheck Snapshot Upgrade </p>",
"enumType" : "UpgradeStep",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "upgradeStep",
"fluentEnumSetterMethodName" : "upgradeStep",
"fluentGetterMethodName" : "upgradeStepAsString",
"fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
does through: PreUpgradeCheck Snapshot Upgrade </p>\n@param
upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep\n@return Returns a
reference to this object so that method calls can be chained together.\n@see UpgradeStep",
"fluentSetterMethodName" : "upgradeStep",
"getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: PreUpgradeCheck Snapshot Upgrade </p>\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #upgradeStep} will return { @link
UpgradeStep#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#upgradeStepAsString}.\n</p>\n@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
does through: PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStep",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStep",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",

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 "name" : "UpgradeStep",
 "setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: PreUpgradeCheck Snapshot Upgrade </p>\n@param upgradeStep
Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep",
 "setterMethodName" : "setUpgradeStep",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: PreUpgradeCheck Snapshot Upgrade </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getUpgradeStepAsString",
 "beanStyleSetterMethodName" : "setUpgradeStep",
 "c2jName" : "UpgradeStep",
 "c2jShape" : "UpgradeStep",
 "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade
Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #upgradeStepAsString(String)}. \n@param upgradeStep a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #upgradeStep(String)",
 "deprecated" : false,
 "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
 PreUpgradeCheck Snapshot Upgrade </p>",
 "enumType" : "UpgradeStep",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "upgradeStep",
 "fluentEnumSetterMethodName" : "upgradeStep",

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 "fluentGetterMethodName" : "upgradeStepAsString",
 "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
does through: PreUpgradeCheck Snapshot Upgrade </p>\n@param
upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep\n@return Returns a
reference to this object so that method calls can be chained together.\n@see UpgradeStep",
 "fluentSetterMethodName" : "upgradeStep",
 "getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: PreUpgradeCheck Snapshot Upgrade </p>\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #upgradeStep } will return { @link
UpgradeStep#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#upgradeStepAsString}.\n</p>\n@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
does through: PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
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 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStep",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStep",
 "uri" : false
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 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "UpgradeStep",
 "setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: PreUpgradeCheck Snapshot Upgrade </p>\n@param upgradeStep
Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep",
 "setterMethodName" : "setUpgradeStep",
 "setterModel" : {

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 "variableDeclarationType" : "String",
 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "timestampFormat" : null,
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 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
 PreUpgradeCheck Snapshot Upgrade </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStepStatusAsString",
 "beanStyleSetterMethodName" : "setStepStatus",
 "c2jName" : "StepStatus",
 "c2jShape" : "UpgradeStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> One of 4 statuses that a step can go through returned as
part of the <code> <a>GetUpgradeStatusResponse </code> object. The status can take one of the following
values: In Progress Succeeded Succeeded with Issues Failed
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #stepStatusAsString(String)}. \n@param stepStatus a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #stepStatus(String)",
 "deprecated" : false,
 "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse </code> object. The status can take one of the following values: In
Progress Succeeded Succeeded with Issues Failed </p>",
 "enumType" : "UpgradeStatus",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "stepStatus",
 "fluentEnumSetterMethodName" : "stepStatus",
 "fluentGetterMethodName" : "stepStatusAsString",
 "fluentSetterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse </code> object. The status can take one of the following values: In
Progress Succeeded Succeeded with Issues Failed </p>\n@param stepStatus
One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse
</code> object. The status can take one of the following values: In Progress Succeeded
Succeeded with Issues Failed \n@see UpgradeStatus \n@return Returns a reference to this

```

object so that method calls can be chained together.\n@see UpgradeStatus",

"fluentSetterMethodName" : "stepStatus",

"getterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code><a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #stepStatus } will return { @link UpgradeStatus#UNKNOWN\_TO\_SDK\_VERSION}. The raw value returned by the service is available from { @link #stepStatusAsString}.\n</p>\n@return One of 4 statuses that a step can go through returned as part of the <code><a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus",

"getterModel" : {

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"documentation" : null

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"additionalUnmarshallingPath" : null,

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"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "StepStatus",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "StepStatus",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "StepStatus",

"setterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code><a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>\n@param stepStatus One of 4 statuses that a step can go through returned as part of the <code><a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus",

"setterMethodName" : "setStepStatus",

"setterModel" : {

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 "variableDeclarationType" : "String",
 "variableName" : "stepStatus",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "stepStatus",
 "variableType" : "String",
 "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>
<a>GetUpgradeStatusResponse </code> object. The status can take one of the following values: In
Progress Succeeded Succeeded with Issues Failed </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpgradeName",
 "beanStyleSetterMethodName" : "setUpgradeName",
 "c2jName" : "UpgradeName",
 "c2jShape" : "UpgradeName",
 "defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #upgradeName(String)}. \n@param upgradeName a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #upgradeName(String)",
 "deprecated" : false,
 "documentation" : "<p>A string that describes the update briefly</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "upgradeName",
 "fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A
string that describes the update briefly\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "upgradeName",
 "getterDocumentation" : "<p>A string that describes the update briefly</p>\n@return A string that describes the
update briefly",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
}

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},
"http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeName",
"setterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string
that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeName",
 "variableType" : "String",
 "documentation" : null,
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 "variableSetterType" : "String"
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"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeName",
 "variableType" : "String",
 "documentation" : "<p>A string that describes the update briefly</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null

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 "requestSignerAware" : false,
 "requestSignerClassFqcn" : null,
 "required" : null,
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 "simpleMethod" : false,
 "unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
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 "variableName" : "getUpgradeStatusResponse",
 "variableType" : "GetUpgradeStatusResponse",
 "documentation" : null,
 "simpleType" : "GetUpgradeStatusResponse",
 "variableSetterType" : "GetUpgradeStatusResponse"
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 "wrapper" : false
},
"InstanceCountLimits" : {
 "c2jName" : "InstanceCountLimits",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
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 "deprecated" : false,
 "documentation" : "<p> InstanceCountLimits represents the limits on number of instances that be created in Amazon Elasticsearch for given InstanceType. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getMinimumInstanceCount",
 "beanStyleSetterMethodName" : "setMinimumInstanceCount",
 "c2jName" : "MinimumInstanceCount",
 "c2jShape" : "MinimumInstanceCount",

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"defaultConsumerFluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create
one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#minimumInstanceCount(Integer)}. \n@param minimumInstanceCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#minimumInstanceCount(Integer)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "minimumInstanceCount",
"fluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this
object.\n\n@param minimumInstanceCount The new value for the MinimumInstanceCount property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "minimumInstanceCount",
"getterDocumentation" : "Returns the value of the MinimumInstanceCount property for this object.\n@return
The value of the MinimumInstanceCount property for this object.",
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
},
"http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "MinimumInstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "MinimumInstanceCount",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,

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"marshallingType" : "INTEGER",
"name" : "MinimumInstanceCount",
"setterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object.\n\n@param
minimumInstanceCount The new value for the MinimumInstanceCount property for this object.",
"setterMethodName" : "setMinimumInstanceCount",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "minimumInstanceCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "minimumInstanceCount",
 "variableType" : "Integer",
 "documentation" : "",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getMaximumInstanceCount",
 "beanStyleSetterMethodName" : "setMaximumInstanceCount",
 "c2jName" : "MaximumInstanceCount",
 "c2jShape" : "MaximumInstanceCount",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create
one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#maximumInstanceCount(Integer)}. \n@param maximumInstanceCount a consumer that will call methods on
{ @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #maximumInstanceCount(Integer)",
 "deprecated" : false,
 "documentation" : "",
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 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "maximumInstanceCount",
 "fluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this
object.\n\n@param maximumInstanceCount The new value for the MaximumInstanceCount property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "maximumInstanceCount",

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"getterDocumentation" : "Returns the value of the MaximumInstanceCount property for this object.\n@return
The value of the MaximumInstanceCount property for this object.",
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "MaximumInstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "MaximumInstanceCount",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaximumInstanceCount",
"setterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object.\n\n@param
maximumInstanceCount The new value for the MaximumInstanceCount property for this object.",
"setterMethodName" : "setMaximumInstanceCount",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maximumInstanceCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maximumInstanceCount",
 "variableType" : "Integer",

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 "documentation" : "",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "MaximumInstanceCount" : {
 "beanStyleGetterMethodName" : "getMaximumInstanceCount",
 "beanStyleSetterMethodName" : "setMaximumInstanceCount",
 "c2jName" : "MaximumInstanceCount",
 "c2jShape" : "MaximumInstanceCount",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for
this object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#maximumInstanceCount(Integer)}. \n@param maximumInstanceCount a consumer that will call methods on
{ @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #maximumInstanceCount(Integer)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
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 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "maximumInstanceCount",
 "fluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this
object.\n\n@param maximumInstanceCount The new value for the MaximumInstanceCount property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "maximumInstanceCount",
 "getterDocumentation" : "Returns the value of the MaximumInstanceCount property for this object.\n@return
The value of the MaximumInstanceCount property for this object.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
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 "http" : {
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "MaximumInstanceCount",

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 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "MaximumInstanceCount",
 "uri" : false
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 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
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 "name" : "MaximumInstanceCount",
 "setterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object.\n\n@param
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 "setterMethodName" : "setMaximumInstanceCount",
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 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
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 "timestampFormat" : null,
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 "variableDeclarationType" : "Integer",
 "variableName" : "maximumInstanceCount",
 "variableType" : "Integer",
 "documentation" : "",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
},
"MinimumInstanceCount" : {
 "beanStyleGetterMethodName" : "getMinimumInstanceCount",
 "beanStyleSetterMethodName" : "setMinimumInstanceCount",
 "c2jName" : "MinimumInstanceCount",
 "c2jShape" : "MinimumInstanceCount",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for
this object.\n\nThis is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to
create one manually via {@link Integer#builder()}. \n\nWhen the {@link Consumer} completes, {@link
Integer.Builder#build()} is called immediately and its result is passed to {@link
#minimumInstanceCount(Integer)}. \n\n@param minimumInstanceCount a consumer that will call methods on {@link
Integer.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see

```

```

#minimumInstanceCount(Integer)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "minimumInstanceCount",
 "fluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this
object.\n\n@param minimumInstanceCount The new value for the MinimumInstanceCount property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "minimumInstanceCount",
 "getterDocumentation" : "Returns the value of the MinimumInstanceCount property for this object.\n@return
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 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
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 "http" : {
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "MinimumInstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "MinimumInstanceCount",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "MinimumInstanceCount",
 "setterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object.\n\n@param
minimumInstanceCount The new value for the MinimumInstanceCount property for this object.",
 "setterMethodName" : "setMinimumInstanceCount",
 "setterModel" : {

```

```

 "variableDeclarationType" : "Integer",
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 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
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 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "minimumInstanceCount",
 "variableType" : "Integer",
 "documentation" : "",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getMinimumInstanceCount",
 "beanStyleSetterMethodName" : "setMinimumInstanceCount",
 "c2jName" : "MinimumInstanceCount",
 "c2jShape" : "MinimumInstanceCount",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create
one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#minimumInstanceCount(Integer)}. \n@param minimumInstanceCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#minimumInstanceCount(Integer)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "minimumInstanceCount",
 "fluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this
object.\n\n@param minimumInstanceCount The new value for the MinimumInstanceCount property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "minimumInstanceCount",
 "getterDocumentation" : "Returns the value of the MinimumInstanceCount property for this object.\n@return
The value of the MinimumInstanceCount property for this object.",
 "getterModel" : {
 "returnType" : "Integer",

```

```

"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "MinimumInstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "MinimumInstanceCount",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MinimumInstanceCount",
"setterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object.\n\n@param
minimumInstanceCount The new value for the MinimumInstanceCount property for this object.",
"setterMethodName" : "setMinimumInstanceCount",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "minimumInstanceCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
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"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "minimumInstanceCount",
 "variableType" : "Integer",
 "documentation" : "",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},

```

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 "xmlNamespaceUri" : null
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 "beanStyleGetterMethodName" : "getMaximumInstanceCount",
 "beanStyleSetterMethodName" : "setMaximumInstanceCount",
 "c2jName" : "MaximumInstanceCount",
 "c2jShape" : "MaximumInstanceCount",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this
object.\n\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create
one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#maximumInstanceCount(Integer)}. \n@param maximumInstanceCount a consumer that will call methods on
{ @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #maximumInstanceCount(Integer)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "maximumInstanceCount",
 "fluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this
object.\n\n@param maximumInstanceCount The new value for the MaximumInstanceCount property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "maximumInstanceCount",
 "getterDocumentation" : "Returns the value of the MaximumInstanceCount property for this object.\n@return
The value of the MaximumInstanceCount property for this object.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "MaximumInstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "MaximumInstanceCount",
 "uri" : false
 },
 "idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaximumInstanceCount",
"setterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object.\n\n@param
maximumInstanceCount The new value for the MaximumInstanceCount property for this object.",
"setterMethodName" : "setMaximumInstanceCount",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maximumInstanceCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maximumInstanceCount",
 "variableType" : "Integer",
 "documentation" : "",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "InstanceCountLimits",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "InstanceCountLimits",
 "variableName" : "instanceCountLimits",
 "variableType" : "InstanceCountLimits",
 "documentation" : null,
 "simpleType" : "InstanceCountLimits",
 "variableSetterType" : "InstanceCountLimits"
},

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"wrapper" : false
},
"InstanceLimits" : {
 "c2jName" : "InstanceLimits",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>InstanceLimits represents the list of instance related attributes that are available for given InstanceType. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getInstanceCountLimits",
 "beanStyleSetterMethodName" : "setInstanceCountLimits",
 "c2jName" : "InstanceCountLimits",
 "c2jShape" : "InstanceCountLimits",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\nThis is a convenience that creates an instance of the { @link InstanceCountLimits.Builder} avoiding the need to create one manually via { @link InstanceCountLimits#builder()}. \n\nWhen the { @link Consumer} completes, { @link InstanceCountLimits.Builder#build()} is called immediately and its result is passed to { @link #instanceCountLimits(InstanceCountLimits)}. \n@param instanceCountLimits a consumer that will call methods on { @link InstanceCountLimits.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #instanceCountLimits(InstanceCountLimits)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "instanceCountLimits",
 "fluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\n@param instanceCountLimits The new value for the InstanceCountLimits property for this object.\n@return Returns a reference to this object so that method calls can be chained together."
]
}

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 "fluentSetterMethodName" : "instanceCountLimits",
 "getterDocumentation" : "Returns the value of the InstanceCountLimits property for this object.\n@return The
value of the InstanceCountLimits property for this object.",
 "getterModel" : {
 "returnType" : "InstanceCountLimits",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "InstanceCountLimits",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceCountLimits",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "InstanceCountLimits",
 "setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\n@param
instanceCountLimits The new value for the InstanceCountLimits property for this object.",
 "setterMethodName" : "setInstanceCountLimits",
 "setterModel" : {
 "variableDeclarationType" : "InstanceCountLimits",
 "variableName" : "instanceCountLimits",
 "variableType" : "InstanceCountLimits",
 "documentation" : null,
 "simpleType" : "InstanceCountLimits",
 "variableSetterType" : "InstanceCountLimits"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "InstanceCountLimits",
 "variableName" : "instanceCountLimits",

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 "variableType" : "InstanceCountLimits",
 "documentation" : "",
 "simpleType" : "InstanceCountLimits",
 "variableSetterType" : "InstanceCountLimits"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "InstanceCountLimits" : {
 "beanStyleGetterMethodName" : "getInstanceCountLimits",
 "beanStyleSetterMethodName" : "setInstanceCountLimits",
 "c2jName" : "InstanceCountLimits",
 "c2jShape" : "InstanceCountLimits",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\nThis is a convenience that creates an instance of the { @link InstanceCountLimits.Builder} avoiding the need to create one manually via { @link InstanceCountLimits#builder()}. \n\nWhen the { @link Consumer} completes, { @link InstanceCountLimits.Builder#build()} is called immediately and its result is passed to { @link #instanceCountLimits(InstanceCountLimits)}. \n@param instanceCountLimits a consumer that will call methods on { @link InstanceCountLimits.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #instanceCountLimits(InstanceCountLimits)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "instanceCountLimits",
 "fluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\n@param instanceCountLimits The new value for the InstanceCountLimits property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "instanceCountLimits",
 "getterDocumentation" : "Returns the value of the InstanceCountLimits property for this object.\n@return The value of the InstanceCountLimits property for this object.",
 "getterModel" : {
 "returnType" : "InstanceCountLimits",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 },

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"marshallLocationName" : "InstanceCountLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceCountLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceCountLimits",
"setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\n@param
instanceCountLimits The new value for the InstanceCountLimits property for this object.",
"setterMethodName" : "setInstanceCountLimits",
"setterModel" : {
 "variableDeclarationType" : "InstanceCountLimits",
 "variableName" : "instanceCountLimits",
 "variableType" : "InstanceCountLimits",
 "documentation" : null,
 "simpleType" : "InstanceCountLimits",
 "variableSetterType" : "InstanceCountLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "InstanceCountLimits",
 "variableName" : "instanceCountLimits",
 "variableType" : "InstanceCountLimits",
 "documentation" : "",
 "simpleType" : "InstanceCountLimits",
 "variableSetterType" : "InstanceCountLimits"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getInstanceCountLimits",
 "beanStyleSetterMethodName" : "setInstanceCountLimits",
 "c2jName" : "InstanceCountLimits",
 "c2jShape" : "InstanceCountLimits",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this
object.\n\nThis is a convenience that creates an instance of the { @link InstanceCountLimits.Builder} avoiding the
need to create one manually via { @link InstanceCountLimits#builder()}. \n\nWhen the { @link Consumer}
completes, { @link InstanceCountLimits.Builder#build()} is called immediately and its result is passed to { @link

```

#instanceCountLimits(InstanceCountLimits)}.  
@param instanceCountLimits a consumer that will call methods on  
{ @link InstanceCountLimits.Builder}  
@return Returns a reference to this object so that method calls can be  
chained together.  
@see #instanceCountLimits(InstanceCountLimits)",

"deprecated" : false,  
"documentation" : "",  
"enumType" : null,  
"eventHeader" : false,  
"eventPayload" : false,  
"fluentEnumGetterMethodName" : null,  
"fluentEnumSetterMethodName" : null,  
"fluentGetterMethodName" : "instanceCountLimits",  
"fluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.  
@param instanceCountLimits The new value for the InstanceCountLimits property for this object.  
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "instanceCountLimits",  
"getterDocumentation" : "Returns the value of the InstanceCountLimits property for this object.  
@return The value of the InstanceCountLimits property for this object.",

"getterModel" : {  
"returnType" : "InstanceCountLimits",  
"documentation" : null  
},  
"http" : {  
"additionalMarshallingPath" : null,  
"additionalUnmarshallingPath" : null,  
"flattened" : false,  
"greedy" : false,  
"header" : false,  
"isPayload" : false,  
"isStreaming" : false,  
"location" : null,  
"marshallLocation" : "PAYLOAD",  
"marshallLocationName" : "InstanceCountLimits",  
"queryString" : false,  
"statusCode" : false,  
"unmarshallLocationName" : "InstanceCountLimits",  
"uri" : false  
},  
"idempotencyToken" : false,  
"isBinary" : false,  
"jsonValue" : false,  
"list" : false,  
"listModel" : null,  
"map" : false,  
"mapModel" : null,  
"marshallingType" : "SDK\_POJO",  
"name" : "InstanceCountLimits",

"setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.  
@param instanceCountLimits The new value for the InstanceCountLimits property for this object.",

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"setterMethodName" : "setInstanceCountLimits",
"setterModel" : {
 "variableDeclarationType" : "InstanceCountLimits",
 "variableName" : "instanceCountLimits",
 "variableType" : "InstanceCountLimits",
 "documentation" : null,
 "simpleType" : "InstanceCountLimits",
 "variableSetterType" : "InstanceCountLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "InstanceCountLimits",
 "variableName" : "instanceCountLimits",
 "variableType" : "InstanceCountLimits",
 "documentation" : "",
 "simpleType" : "InstanceCountLimits",
 "variableSetterType" : "InstanceCountLimits"
},
"xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "InstanceLimits",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "InstanceLimits",
 "variableName" : "instanceLimits",
 "variableType" : "InstanceLimits",
 "documentation" : null,
 "simpleType" : "InstanceLimits",
 "variableSetterType" : "InstanceLimits"
},
"wrapper" : false
},
"InternalException" : {
 "c2jName" : "InternalException",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 }
}

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 },
 "deprecated" : false,
 "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service) . Gives http status code of 500.</p>",
 "enums" : null,
 "errorCode" : "InternalException",
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : 500,
 "marshaller" : null,
 "members" : [],
 "membersAsMap" : { },
 "nonStreamingMembers" : [],
 "requestSignerAware" : false,
 "requestSignerClassFqcn" : null,
 "required" : null,
 "shapeName" : "InternalException",
 "simpleMethod" : false,
 "unmarshaller" : null,
 "variable" : {
 "variableDeclarationType" : "InternalException",
 "variableName" : "internalException",
 "variableType" : "InternalException",
 "documentation" : null,
 "simpleType" : "InternalException",
 "variableSetterType" : "InternalException"
 },
 "wrapper" : false
},
"InvalidTypeException" : {
 "c2jName" : "InvalidTypeException",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>An exception for trying to create or access sub-resource that is either invalid or not
supported. Gives http status code of 409.</p>",
 "enums" : null,
 "errorCode" : "InvalidTypeException",

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"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : 409,
"marshaller" : null,
"members" : [],
"membersAsMap" : { },
"nonStreamingMembers" : [],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "InvalidTypeException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "InvalidTypeException",
 "variableName" : "invalidTypeException",
 "variableType" : "InvalidTypeException",
 "documentation" : null,
 "simpleType" : "InvalidTypeException",
 "variableSetterType" : "InvalidTypeException"
},
"wrapper" : false
},
"LimitExceededException" : {
 "c2jName" : "LimitExceededException",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives
http status code of 409.</p>",
 "enums" : null,
 "errorCode" : "LimitExceededException",
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,

```



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"hasStreamingMember" : false,
"httpStatusCode" : 409,
"marshaller" : null,
"members" : [],
"membersAsMap" : { },
"nonStreamingMembers" : [],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "LimitExceededException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "LimitExceededException",
 "variableName" : "limitExceededException",
 "variableType" : "LimitExceededException",
 "documentation" : null,
 "simpleType" : "LimitExceededException",
 "variableSetterType" : "LimitExceededException"
},
"wrapper" : false
},
"Limits" : {
 "c2jName" : "Limits",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Limits for given InstanceType and for each of it's role.
 Limits contains following
<code> <a>StorageTypes, </code> <code> <a>InstanceLimits </code> and <code>
<a>AdditionalLimits </code> </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getStorageTypes",

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"beanStyleSetterMethodName" : "setStorageTypes",
"c2jName" : "StorageTypes",
"c2jShape" : "StorageTypeList",
"defaultConsumerFluentSetterDocumentation" : "<p>StorageType represents the list of storage related types
and attributes that are available for given InstanceType. </p>\nThis is a convenience that creates an instance of the
{ @link List<StorageType>.Builder} avoiding the need to create one manually via { @link
List<StorageType>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<StorageType>.Builder#build()} is called immediately and its result is passed to { @link
#storageTypes(List<StorageType>)}. \n@param storageTypes a consumer that will call methods on { @link
List<StorageType>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #storageTypes(List<StorageType>)",
"deprecated" : false,
"documentation" : "<p>StorageType represents the list of storage related types and attributes that are available
for given InstanceType. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypes",
"fluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that
are available for given InstanceType. </p>\n@param storageTypes StorageType represents the list of storage related
types and attributes that are available for given InstanceType. \n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "storageTypes",
"getterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are
available for given InstanceType. </p>\n<p>\nAttempts to modify the collection returned by this method will result
in an UnsupportedOperationException. \n</p>\n@return StorageType represents the list of storage related types and
attributes that are available for given InstanceType.",
"getterModel" : {
 "returnType" : "java.util.List<StorageType>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StorageTypes",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StorageTypes",
 "uri" : false

```

```

 },
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 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
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 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "StorageType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link StorageType.Builder} avoiding the need to
create one manually via { @link StorageType#builder()}. \n\nWhen the { @link Consumer} completes, { @link
StorageType.Builder#build()} is called immediately and its result is passed to { @link
#member(StorageType)}. \n@param member a consumer that will call methods on { @link
StorageType.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(StorageType)",
 "deprecated" : false,
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 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "StorageType",
 "documentation" : null
 }
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 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 }

```

```

 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
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 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "StorageType",
 "variableName" : "member",
 "variableType" : "StorageType",
 "documentation" : null,
 "simpleType" : "StorageType",
 "variableSetterType" : "StorageType"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "StorageType",
 "variableName" : "member",
 "variableType" : "StorageType",
 "documentation" : "",
 "simpleType" : "StorageType",
 "variableSetterType" : "StorageType"
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 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageType",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageType",
"templateImplType" : "java.util.ArrayList<StorageType>",
"templateType" : "java.util.List<StorageType>"
},

```

```

"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypes",
"setterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are
available for given InstanceType. </p>\n@param storageTypes StorageType represents the list of storage related
types and attributes that are available for given InstanceType.",
"setterMethodName" : "setStorageTypes",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<StorageType>",
 "variableName" : "storageTypes",
 "variableType" : "java.util.List<StorageType>",
 "documentation" : null,
 "simpleType" : "List<StorageType>",
 "variableSetterType" : "java.util.Collection<StorageType>"
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 "variableName" : "storageTypes",
 "variableType" : "java.util.List<StorageType>",
 "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available
for given InstanceType. </p>",
 "simpleType" : "List<StorageType>",
 "variableSetterType" : "java.util.Collection<StorageType>"
},
"xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getInstanceLimits",
 "beanStyleSetterMethodName" : "setInstanceLimits",
 "c2jName" : "InstanceLimits",
 "c2jShape" : "InstanceLimits",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this
object.\n\nThis is a convenience that creates an instance of the { @link InstanceLimits.Builder} avoiding the need to
create one manually via { @link InstanceLimits#builder()}. \n\nWhen the { @link Consumer} completes, { @link
InstanceLimits.Builder#build()} is called immediately and its result is passed to { @link
#instanceLimits(InstanceLimits)}. \n@param instanceLimits a consumer that will call methods on { @link
InstanceLimits.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #instanceLimits(InstanceLimits)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "instanceLimits",

```

```

"fluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param
instanceLimits The new value for the InstanceLimits property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "instanceLimits",
"getterDocumentation" : "Returns the value of the InstanceLimits property for this object.\n@return The value
of the InstanceLimits property for this object.",
"getterModel" : {
 "returnType" : "InstanceLimits",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "InstanceLimits",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceLimits",
 "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceLimits",
"setterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param
instanceLimits The new value for the InstanceLimits property for this object.",
"setterMethodName" : "setInstanceLimits",
"setterModel" : {
 "variableDeclarationType" : "InstanceLimits",
 "variableName" : "instanceLimits",
 "variableType" : "InstanceLimits",
 "documentation" : null,
 "simpleType" : "InstanceLimits",
 "variableSetterType" : "InstanceLimits"
},
"simple" : false,
"timestampFormat" : null,

```

```

"variable" : {
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 "variableName" : "instanceLimits",
 "variableType" : "InstanceLimits",
 "documentation" : "",
 "simpleType" : "InstanceLimits",
 "variableSetterType" : "InstanceLimits"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAdditionalLimits",
 "beanStyleSetterMethodName" : "setAdditionalLimits",
 "c2jName" : "AdditionalLimits",
 "c2jShape" : "AdditionalLimitList",
 "defaultConsumerFluentSetterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> . </p>\nThis is a convenience that creates an instance of the { @link List<AdditionalLimit>.Builder} avoiding the need to create one manually via { @link List<AdditionalLimit>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<AdditionalLimit>.Builder#build()} is called immediately and its result is passed to { @link #additionalLimits(List<AdditionalLimit>)}. \n@param additionalLimits a consumer that will call methods on { @link List<AdditionalLimit>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #additionalLimits(List<AdditionalLimit>)",
 "deprecated" : false,
 "documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> . </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "additionalLimits",
 "fluentSetterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> . </p>\n@param additionalLimits List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> . \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "additionalLimits",
 "getterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> . </p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n@return List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> .",
 "getterModel" : {
 "returnType" : "java.util.List<AdditionalLimit>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```

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"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdditionalLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdditionalLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "AdditionalLimit",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link AdditionalLimit.Builder} avoiding the need
to create one manually via { @link AdditionalLimit#builder()}. \n\nWhen the { @link Consumer} completes, { @link
AdditionalLimit.Builder#build()} is called immediately and its result is passed to { @link
#member(AdditionalLimit)}. \n@param member a consumer that will call methods on { @link
AdditionalLimit.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(AdditionalLimit)",
 "deprecated" : false,
 "documentation" : "",
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 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "AdditionalLimit",
 "documentation" : null

```



```

},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "AdditionalLimit",
 "variableName" : "member",
 "variableType" : "AdditionalLimit",
 "documentation" : null,
 "simpleType" : "AdditionalLimit",
 "variableSetterType" : "AdditionalLimit"
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"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "AdditionalLimit",
 "variableName" : "member",
 "variableType" : "AdditionalLimit",
 "documentation" : "",
 "simpleType" : "AdditionalLimit",
 "variableSetterType" : "AdditionalLimit"
},
"xmlNamespaceUri" : null

```

```

 },
 "memberLocationName" : null,
 "memberType" : "AdditionalLimit",
 "map" : false,
 "memberAdditionalMarshallingPath" : null,
 "memberAdditionalUnmarshallingPath" : null,
 "simple" : false,
 "simpleType" : "AdditionalLimit",
 "templateImplType" : "java.util.ArrayList<AdditionalLimit>",
 "templateType" : "java.util.List<AdditionalLimit>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "AdditionalLimits",
 "setterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of
it's <code> <a>InstanceRole </code> . </p>\n@param additionalLimits List of additional limits that are specific
to a given InstanceType and for each of it's <code> <a>InstanceRole </code> .",
 "setterMethodName" : "setAdditionalLimits",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<AdditionalLimit>",
 "variableName" : "additionalLimits",
 "variableType" : "java.util.List<AdditionalLimit>",
 "documentation" : null,
 "simpleType" : "List<AdditionalLimit>",
 "variableSetterType" : "java.util.Collection<AdditionalLimit>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<AdditionalLimit>",
 "variableName" : "additionalLimits",
 "variableType" : "java.util.List<AdditionalLimit>",
 "documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's
<code> <a>InstanceRole </code> . </p>",
 "simpleType" : "List<AdditionalLimit>",
 "variableSetterType" : "java.util.Collection<AdditionalLimit>"
 },
 "xmlNameSpaceUri" : null
}],
"membersAsMap" : {
 "AdditionalLimits" : {
 "beanStyleGetterMethodName" : "getAdditionalLimits",
 "beanStyleSetterMethodName" : "setAdditionalLimits",
 "c2jName" : "AdditionalLimits",
 "c2jShape" : "AdditionalLimitList",
 "defaultConsumerFluentSetterDocumentation" : "<p> List of additional limits that are specific to a given
InstanceType and for each of it's <code> <a>InstanceRole </code> . </p>\nThis is a convenience that creates an

```

instance of the { @link List<AdditionalLimit>.Builder } avoiding the need to create one manually via { @link List<AdditionalLimit>#builder()}.  
 When the { @link Consumer } completes, { @link List<AdditionalLimit>.Builder#build() } is called immediately and its result is passed to { @link #additionalLimits(List<AdditionalLimit>)}.  
 @param additionalLimits a consumer that will call methods on { @link List<AdditionalLimit>.Builder }  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see #additionalLimits(List<AdditionalLimit>),

```

 "deprecated" : false,
 "documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's
<code> <a>InstanceRole </code> . </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "additionalLimits",
 "fluentSetterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for
each of it's <code> <a>InstanceRole </code> . </p>\n@param additionalLimits List of additional limits that are
specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> .\n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "additionalLimits",
 "getterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of
it's <code> <a>InstanceRole </code> . </p>\n<p>\nAttempts to modify the collection returned by this method
will result in an UnsupportedOperationException.\n</p>\n@return List of additional limits that are specific to a
given InstanceType and for each of it's <code> <a>InstanceRole </code> .",
 "getterModel" : {
 "returnType" : "java.util.List<AdditionalLimit>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AdditionalLimits",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AdditionalLimits",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,

```

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"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "AdditionalLimit",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link AdditionalLimit.Builder} avoiding the need
to create one manually via { @link AdditionalLimit#builder()}. \n\nWhen the { @link Consumer} completes, { @link
AdditionalLimit.Builder#build()} is called immediately and its result is passed to { @link
#member(AdditionalLimit)}. \n@param member a consumer that will call methods on { @link
AdditionalLimit.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(AdditionalLimit)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "AdditionalLimit",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 }
}

```

```

 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "AdditionalLimit",
 "variableName" : "member",
 "variableType" : "AdditionalLimit",
 "documentation" : null,
 "simpleType" : "AdditionalLimit",
 "variableSetterType" : "AdditionalLimit"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "AdditionalLimit",
 "variableName" : "member",
 "variableType" : "AdditionalLimit",
 "documentation" : "",
 "simpleType" : "AdditionalLimit",
 "variableSetterType" : "AdditionalLimit"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "AdditionalLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "AdditionalLimit",
"templateImplType" : "java.util.ArrayList<AdditionalLimit>",
"templateType" : "java.util.List<AdditionalLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AdditionalLimits",
"setterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of

```

it's `<a>InstanceRole</a>` . `</p>\n@param additionalLimits List of additional limits that are specific to a given InstanceType and for each of it's <a>InstanceRole</a>` .",

```
"setterMethodName" : "setAdditionalLimits",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<AdditionalLimit>",
 "variableName" : "additionalLimits",
 "variableType" : "java.util.List<AdditionalLimit>",
 "documentation" : null,
 "simpleType" : "List<AdditionalLimit>",
 "variableSetterType" : "java.util.Collection<AdditionalLimit>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<AdditionalLimit>",
 "variableName" : "additionalLimits",
 "variableType" : "java.util.List<AdditionalLimit>",
 "documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's
<a>InstanceRole . </p>",
 "simpleType" : "List<AdditionalLimit>",
 "variableSetterType" : "java.util.Collection<AdditionalLimit>"
},
"xmlNamespaceUri" : null
},
"InstanceLimits" : {
 "beanStyleGetterMethodName" : "getInstanceLimits",
 "beanStyleSetterMethodName" : "setInstanceLimits",
 "c2jName" : "InstanceLimits",
 "c2jShape" : "InstanceLimits",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this
object.\n\nThis is a convenience that creates an instance of the { @link InstanceLimits.Builder} avoiding the need to
create one manually via { @link InstanceLimits#builder()}. \n\nWhen the { @link Consumer} completes, { @link
InstanceLimits.Builder#build()} is called immediately and its result is passed to { @link
#instanceLimits(InstanceLimits)}. \n@param instanceLimits a consumer that will call methods on { @link
InstanceLimits.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #instanceLimits(InstanceLimits)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "instanceLimits",
 "fluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param
instanceLimits The new value for the InstanceLimits property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "instanceLimits",
```

"getterDocumentation" : "Returns the value of the InstanceLimits property for this object.\n@return The value of the InstanceLimits property for this object.",

```
"getterModel" : {
 "returnType" : "InstanceLimits",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "InstanceLimits",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceLimits",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceLimits",
"setterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param
instanceLimits The new value for the InstanceLimits property for this object.",
"setterMethodName" : "setInstanceLimits",
"setterModel" : {
 "variableDeclarationType" : "InstanceLimits",
 "variableName" : "instanceLimits",
 "variableType" : "InstanceLimits",
 "documentation" : null,
 "simpleType" : "InstanceLimits",
 "variableSetterType" : "InstanceLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "InstanceLimits",
 "variableName" : "instanceLimits",
 "variableType" : "InstanceLimits",
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```

 "documentation" : "",
 "simpleType" : "InstanceLimits",
 "variableSetterType" : "InstanceLimits"
 },
 "xmlNamespaceUri" : null
},
"StorageTypes" : {
 "beanStyleGetterMethodName" : "getStorageTypes",
 "beanStyleSetterMethodName" : "setStorageTypes",
 "c2jName" : "StorageTypes",
 "c2jShape" : "StorageTypeList",
 "defaultConsumerFluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>\nThis is a convenience that creates an instance of the { @link List<StorageType>.Builder} avoiding the need to create one manually via { @link List<StorageType>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<StorageType>.Builder#build()} is called immediately and its result is passed to { @link #storageTypes(List<StorageType>)}. \n@param storageTypes a consumer that will call methods on { @link List<StorageType>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #storageTypes(List<StorageType>)",
 "deprecated" : false,
 "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "storageTypes",
 "fluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>\n@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "storageTypes",
 "getterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return StorageType represents the list of storage related types and attributes that are available for given InstanceType.",
 "getterModel" : {
 "returnType" : "java.util.List<StorageType>",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

```



```

 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StorageTypes",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StorageTypes",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "StorageType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link StorageType.Builder} avoiding the need to
create one manually via { @link StorageType#builder()}. \n\nWhen the { @link Consumer} completes, { @link
StorageType.Builder#build()} is called immediately and its result is passed to { @link
#member(StorageType)}. \n@param member a consumer that will call methods on { @link
StorageType.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(StorageType)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "StorageType",
 "documentation" : null
 }
 },
 "http" : {
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```

```

 "additionalUnmarshallingPath" : null,
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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
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 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
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 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "StorageType",
 "variableName" : "member",
 "variableType" : "StorageType",
 "documentation" : null,
 "simpleType" : "StorageType",
 "variableSetterType" : "StorageType"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "StorageType",
 "variableName" : "member",
 "variableType" : "StorageType",
 "documentation" : "",
 "simpleType" : "StorageType",
 "variableSetterType" : "StorageType"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageType",

```

```

 "map" : false,
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 "memberAdditionalUnmarshallingPath" : null,
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 "simpleType" : "StorageType",
 "templateImplType" : "java.util.ArrayList<StorageType>",
 "templateType" : "java.util.List<StorageType>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "StorageTypes",
 "setterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>\n@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType.",
 "setterMethodName" : "setStorageTypes",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<StorageType>",
 "variableName" : "storageTypes",
 "variableType" : "java.util.List<StorageType>",
 "documentation" : null,
 "simpleType" : "List<StorageType>",
 "variableSetterType" : "java.util.Collection<StorageType>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<StorageType>",
 "variableName" : "storageTypes",
 "variableType" : "java.util.List<StorageType>",
 "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>",
 "simpleType" : "List<StorageType>",
 "variableSetterType" : "java.util.Collection<StorageType>"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getStorageTypes",
 "beanStyleSetterMethodName" : "setStorageTypes",
 "c2jName" : "StorageTypes",
 "c2jShape" : "StorageTypeList",
 "defaultConsumerFluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>\nThis is a convenience that creates an instance of the { @link List<StorageType>.Builder} avoiding the need to create one manually via { @link List<StorageType>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<StorageType>.Builder#build()} is called immediately and its result is passed to { @link

```

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#storageTypes(List<StorageType>)}.\n@param storageTypes a consumer that will call methods on { @link
List<StorageType>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #storageTypes(List<StorageType>)",
 "deprecated" : false,
 "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available
for given InstanceType. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "storageTypes",
 "fluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that
are available for given InstanceType. </p>\n@param storageTypes StorageType represents the list of storage related
types and attributes that are available for given InstanceType.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "storageTypes",
 "getterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are
available for given InstanceType. </p>\n<p>\nAttempts to modify the collection returned by this method will result
in an UnsupportedOperationException.\n</p>\n@return StorageType represents the list of storage related types and
attributes that are available for given InstanceType.",
 "getterModel" : {
 "returnType" : "java.util.List<StorageType>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StorageTypes",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StorageTypes",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",

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"listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "StorageType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link StorageType.Builder} avoiding the need to
create one manually via { @link StorageType#builder()}. \n\nWhen the { @link Consumer} completes, { @link
StorageType.Builder#build()} is called immediately and its result is passed to { @link
#member(StorageType)}. \n@param member a consumer that will call methods on { @link
StorageType.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(StorageType)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "StorageType",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "StorageType",
 "variableName" : "member",
 "variableType" : "StorageType",
 "documentation" : null,
 "simpleType" : "StorageType",
 "variableSetterType" : "StorageType"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "StorageType",
 "variableName" : "member",
 "variableType" : "StorageType",
 "documentation" : "",
 "simpleType" : "StorageType",
 "variableSetterType" : "StorageType"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageType",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageType",
"templateImplType" : "java.util.ArrayList<StorageType>",
"templateType" : "java.util.List<StorageType>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypes",
"setterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are
available for given InstanceType. </p>\n\n@param storageTypes StorageType represents the list of storage related
types and attributes that are available for given InstanceType.",
"setterMethodName" : "setStorageTypes",

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"setterModel" : {
 "variableDeclarationType" : "java.util.List<StorageType>",
 "variableName" : "storageTypes",
 "variableType" : "java.util.List<StorageType>",
 "documentation" : null,
 "simpleType" : "List<StorageType>",
 "variableSetterType" : "java.util.Collection<StorageType>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<StorageType>",
 "variableName" : "storageTypes",
 "variableType" : "java.util.List<StorageType>",
 "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available
for given InstanceType. </p>",
 "simpleType" : "List<StorageType>",
 "variableSetterType" : "java.util.Collection<StorageType>"
},
"xmlNameSpaceUri" : null
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 "beanStyleGetterMethodName" : "getInstanceLimits",
 "beanStyleSetterMethodName" : "setInstanceLimits",
 "c2jName" : "InstanceLimits",
 "c2jShape" : "InstanceLimits",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this
object.\n\nThis is a convenience that creates an instance of the { @link InstanceLimits.Builder} avoiding the need to
create one manually via { @link InstanceLimits#builder()}. \n\nWhen the { @link Consumer} completes, { @link
InstanceLimits.Builder#build()} is called immediately and its result is passed to { @link
#instanceLimits(InstanceLimits)}. \n@param instanceLimits a consumer that will call methods on { @link
InstanceLimits.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #instanceLimits(InstanceLimits)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "instanceLimits",
 "fluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param
instanceLimits The new value for the InstanceLimits property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "instanceLimits",
 "getterDocumentation" : "Returns the value of the InstanceLimits property for this object.\n@return The value
of the InstanceLimits property for this object.",
 "getterModel" : {
 "returnType" : "InstanceLimits",

```

```

"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "InstanceLimits",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceLimits",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceLimits",
"setterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param
instanceLimits The new value for the InstanceLimits property for this object.",
"setterMethodName" : "setInstanceLimits",
"setterModel" : {
 "variableDeclarationType" : "InstanceLimits",
 "variableName" : "instanceLimits",
 "variableType" : "InstanceLimits",
 "documentation" : null,
 "simpleType" : "InstanceLimits",
 "variableSetterType" : "InstanceLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "InstanceLimits",
 "variableName" : "instanceLimits",
 "variableType" : "InstanceLimits",
 "documentation" : "",
 "simpleType" : "InstanceLimits",
 "variableSetterType" : "InstanceLimits"
},

```



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"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAdditionalLimits",
 "beanStyleSetterMethodName" : "setAdditionalLimits",
 "c2jName" : "AdditionalLimits",
 "c2jShape" : "AdditionalLimitList",
 "defaultConsumerFluentSetterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> . </p>\nThis is a convenience that creates an instance of the { @link List<AdditionalLimit>.Builder} avoiding the need to create one manually via { @link List<AdditionalLimit>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<AdditionalLimit>.Builder#build()} is called immediately and its result is passed to { @link #additionalLimits(List<AdditionalLimit>)}. \n@param additionalLimits a consumer that will call methods on { @link List<AdditionalLimit>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #additionalLimits(List<AdditionalLimit>)",
 "deprecated" : false,
 "documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> . </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "additionalLimits",
 "fluentSetterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> . </p>\n@param additionalLimits List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> . \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "additionalLimits",
 "getterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> . </p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n@return List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole </code> .",
 "getterModel" : {
 "returnType" : "java.util.List<AdditionalLimit>",
 "documentation" : null
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},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AdditionalLimits",
 "queryString" : false,

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 "statusCode" : false,
 "unmarshallLocationName" : "AdditionalLimits",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "AdditionalLimit",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link AdditionalLimit.Builder} avoiding the need
to create one manually via { @link AdditionalLimit.Builder}. \n\nWhen the { @link Consumer} completes, { @link
AdditionalLimit.Builder#build()} is called immediately and its result is passed to { @link
#member(AdditionalLimit)}. \n@param member a consumer that will call methods on { @link
AdditionalLimit.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(AdditionalLimit)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "AdditionalLimit",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

```

```

 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
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 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "AdditionalLimit",
 "variableName" : "member",
 "variableType" : "AdditionalLimit",
 "documentation" : null,
 "simpleType" : "AdditionalLimit",
 "variableSetterType" : "AdditionalLimit"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "AdditionalLimit",
 "variableName" : "member",
 "variableType" : "AdditionalLimit",
 "documentation" : "",
 "simpleType" : "AdditionalLimit",
 "variableSetterType" : "AdditionalLimit"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "AdditionalLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "AdditionalLimit",

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 "templateImplType" : "java.util.ArrayList<AdditionalLimit>",
 "templateType" : "java.util.List<AdditionalLimit>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "AdditionalLimits",
 "setterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of
it's <code> <a>InstanceRole </code> . </p>\n@param additionalLimits List of additional limits that are specific
to a given InstanceType and for each of it's <code> <a>InstanceRole </code> .",
 "setterMethodName" : "setAdditionalLimits",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<AdditionalLimit>",
 "variableName" : "additionalLimits",
 "variableType" : "java.util.List<AdditionalLimit>",
 "documentation" : null,
 "simpleType" : "List<AdditionalLimit>",
 "variableSetterType" : "java.util.Collection<AdditionalLimit>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<AdditionalLimit>",
 "variableName" : "additionalLimits",
 "variableType" : "java.util.List<AdditionalLimit>",
 "documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's
<code> <a>InstanceRole </code> . </p>",
 "simpleType" : "List<AdditionalLimit>",
 "variableSetterType" : "java.util.Collection<AdditionalLimit>"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "Limits",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "Limits",
 "variableName" : "limits",
 "variableType" : "Limits",
 "documentation" : null,
 "simpleType" : "Limits",
 "variableSetterType" : "Limits"
}

```

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 },
 "wrapper" : false
 },
 "ListDomainNamesRequest" : {
 "c2jName" : "ListDomainNamesRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : null,
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "ListDomainNames",
 "locationName" : null,
 "requestUri" : "/2015-01-01/domain",
 "target" : null,
 "verb" : "GET",
 "xmlNamespaceUri" : null
 },
 "members" : [],
 "membersAsMap" : { },
 "nonStreamingMembers" : [],
 "requestSignerAware" : false,
 "requestSignerClassFqn" : null,
 "required" : null,
 "shapeName" : "ListDomainNamesRequest",
 "simpleMethod" : true,
 "unmarshaller" : null,
 "variable" : {
 "variableDeclarationType" : "ListDomainNamesRequest",
 "variableName" : "listDomainNamesRequest",
 "variableType" : "ListDomainNamesRequest",
 "documentation" : null,
 "simpleType" : "ListDomainNamesRequest",
 "variableSetterType" : "ListDomainNamesRequest"
 }
 }
}

```

```

 },
 "wrapper" : false
 },
 "ListDomainNamesResponse" : {
 "c2jName" : "ListDomainNamesResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The result of a <code>ListDomainNames</code> operation. Contains the names of all Elasticsearch domains owned by this account.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getDomainNames",
 "beanStyleSetterMethodName" : "setDomainNames",
 "c2jName" : "DomainNames",
 "c2jShape" : "DomainInfoList",
 "defaultConsumerFluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>\nThis is a convenience that creates an instance of the { @link List<DomainInfo>.Builder} avoiding the need to create one manually via { @link List<DomainInfo>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<DomainInfo>.Builder#build()} is called immediately and its result is passed to { @link #domainNames(List<DomainInfo>)}. \n@param domainNames a consumer that will call methods on { @link List<DomainInfo>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainNames(List<DomainInfo>)",
 "deprecated" : false,
 "documentation" : "<p>List of Elasticsearch domain names.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainNames",
 "fluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n@param domainNames List of Elasticsearch domain names. \n@return Returns a reference to this object so that method calls can be chained

```

together.",

```
"fluentSetterMethodName" : "domainNames",
```

```
"getterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of Elasticsearch domain names.",
```

```
"getterModel" : {
```

```
 "returnType" : "java.util.List<DomainInfo>",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "DomainNames",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "DomainNames",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : true,
```

```
"listModel" : {
```

```
 "implType" : "java.util.ArrayList",
```

```
 "interfaceType" : "java.util.List",
```

```
 "listMemberModel" : {
```

```
 "beanStyleGetterMethodName" : "getMember",
```

```
 "beanStyleSetterMethodName" : "setMember",
```

```
 "c2jName" : "member",
```

```
 "c2jShape" : "DomainInfo",
```

```
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link DomainInfo.Builder} avoiding the need to create one manually via { @link DomainInfo#builder()}. \n\nWhen the { @link Consumer} completes, { @link DomainInfo.Builder#build()} is called immediately and its result is passed to { @link #member(DomainInfo)}. \n\n@param member a consumer that will call methods on { @link DomainInfo.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(DomainInfo)",
```

```
 "deprecated" : false,
```

```
 "documentation" : "",
```

```
 "enumType" : null,
```

```
 "eventHeader" : false,
```

```

"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
 "returnType" : "DomainInfo",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "DomainInfo",
 "variableName" : "member",
 "variableType" : "DomainInfo",
 "documentation" : null,
 "simpleType" : "DomainInfo",

```



```

 "variableSetterType" : "DomainInfo"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "DomainInfo",
 "variableName" : "member",
 "variableType" : "DomainInfo",
 "documentation" : "",
 "simpleType" : "DomainInfo",
 "variableSetterType" : "DomainInfo"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "DomainInfo",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "DomainInfo",
"templateImplType" : "java.util.ArrayList<DomainInfo>",
"templateType" : "java.util.List<DomainInfo>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"setterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n@param domainNames List of
Elasticsearch domain names.",
"setterMethodName" : "setDomainNames",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<DomainInfo>",
 "variableName" : "domainNames",
 "variableType" : "java.util.List<DomainInfo>",
 "documentation" : null,
 "simpleType" : "List<DomainInfo>",
 "variableSetterType" : "java.util.Collection<DomainInfo>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<DomainInfo>",
 "variableName" : "domainNames",
 "variableType" : "java.util.List<DomainInfo>",
 "documentation" : "<p>List of Elasticsearch domain names.</p>",
 "simpleType" : "List<DomainInfo>",
 "variableSetterType" : "java.util.Collection<DomainInfo>"
}

```

```

 },
 "xmlNamespaceUri" : null
 }],
 "membersAsMap" : {
 "DomainNames" : {
 "beanStyleGetterMethodName" : "getDomainNames",
 "beanStyleSetterMethodName" : "setDomainNames",
 "c2jName" : "DomainNames",
 "c2jShape" : "DomainInfoList",
 "defaultConsumerFluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>\nThis is a
convenience that creates an instance of the { @link List<DomainInfo>.Builder} avoiding the need to create one
manually via { @link List<DomainInfo>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<DomainInfo>.Builder#build()} is called immediately and its result is passed to { @link
#domainNames(List<DomainInfo>)}. \n@param domainNames a consumer that will call methods on { @link
List<DomainInfo>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #domainNames(List<DomainInfo>)",
 "deprecated" : false,
 "documentation" : "<p>List of Elasticsearch domain names.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainNames",
 "fluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n@param domainNames List of
Elasticsearch domain names.\n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "domainNames",
 "getterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return List of
Elasticsearch domain names.",
 "getterModel" : {
 "returnType" : "java.util.List<DomainInfo>",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainNames",
 "queryString" : false,
 "statusCode" : false,
 }
 }
}

```

```

 "unmarshallLocationName" : "DomainNames",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "DomainInfo",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link DomainInfo.Builder} avoiding the need to
create one manually via { @link DomainInfo#builder()}. \n\nWhen the { @link Consumer} completes, { @link
DomainInfo.Builder#build()} is called immediately and its result is passed to { @link
#member(DomainInfo)}. \n@param member a consumer that will call methods on { @link
DomainInfo.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(DomainInfo)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "DomainInfo",
 "documentation" : null
 }
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

```

```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "DomainInfo",
 "variableName" : "member",
 "variableType" : "DomainInfo",
 "documentation" : null,
 "simpleType" : "DomainInfo",
 "variableSetterType" : "DomainInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "DomainInfo",
 "variableName" : "member",
 "variableType" : "DomainInfo",
 "documentation" : "",
 "simpleType" : "DomainInfo",
 "variableSetterType" : "DomainInfo"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "DomainInfo",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "DomainInfo",
"templateImplType" : "java.util.ArrayList<DomainInfo>",

```

```

 "templateType" : "java.util.List<DomainInfo>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "DomainNames",
 "setterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n@param domainNames List of
Elasticsearch domain names.",
 "setterMethodName" : "setDomainNames",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<DomainInfo>",
 "variableName" : "domainNames",
 "variableType" : "java.util.List<DomainInfo>",
 "documentation" : null,
 "simpleType" : "List<DomainInfo>",
 "variableSetterType" : "java.util.Collection<DomainInfo>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<DomainInfo>",
 "variableName" : "domainNames",
 "variableType" : "java.util.List<DomainInfo>",
 "documentation" : "<p>List of Elasticsearch domain names.</p>",
 "simpleType" : "List<DomainInfo>",
 "variableSetterType" : "java.util.Collection<DomainInfo>"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainNames",
 "beanStyleSetterMethodName" : "setDomainNames",
 "c2jName" : "DomainNames",
 "c2jShape" : "DomainInfoList",
 "defaultConsumerFluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>\nThis is a
convenience that creates an instance of the { @link List<DomainInfo>.Builder} avoiding the need to create one
manually via { @link List<DomainInfo>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<DomainInfo>.Builder#build()} is called immediately and its result is passed to { @link
#domainNames(List<DomainInfo>)}. \n@param domainNames a consumer that will call methods on { @link
List<DomainInfo>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #domainNames(List<DomainInfo>)",
 "deprecated" : false,
 "documentation" : "<p>List of Elasticsearch domain names.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,

```

```

"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainNames",
"fluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n@param domainNames List of
Elasticsearch domain names.\n@return Returns a reference to this object so that method calls can be chained
together.",
"fluentSetterMethodName" : "domainNames",
"getterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of
Elasticsearch domain names.",
"getterModel" : {
 "returnType" : "java.util.List<DomainInfo>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainNames",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainNames",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "DomainInfo",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link DomainInfo.Builder} avoiding the need to
create one manually via { @link DomainInfo#builder()}. \n\nWhen the { @link Consumer} completes, { @link
DomainInfo.Builder#build()} is called immediately and its result is passed to { @link
#member(DomainInfo)}. \n@param member a consumer that will call methods on { @link
DomainInfo.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(DomainInfo)",

```

```

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
 "returnType" : "DomainInfo",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "DomainInfo",

```

```

 "variableName" : "member",
 "variableType" : "DomainInfo",
 "documentation" : null,
 "simpleType" : "DomainInfo",
 "variableSetterType" : "DomainInfo"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "DomainInfo",
 "variableName" : "member",
 "variableType" : "DomainInfo",
 "documentation" : "",
 "simpleType" : "DomainInfo",
 "variableSetterType" : "DomainInfo"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "DomainInfo",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "DomainInfo",
"templateImplType" : "java.util.ArrayList<DomainInfo>",
"templateType" : "java.util.List<DomainInfo>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"setterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n@param domainNames List of
Elasticsearch domain names.",
"setterMethodName" : "setDomainNames",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<DomainInfo>",
 "variableName" : "domainNames",
 "variableType" : "java.util.List<DomainInfo>",
 "documentation" : null,
 "simpleType" : "List<DomainInfo>",
 "variableSetterType" : "java.util.Collection<DomainInfo>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<DomainInfo>",
 "variableName" : "domainNames",

```



```

 "variableType" : "java.util.List<DomainInfo>",
 "documentation" : "<p>List of Elasticsearch domain names.</p>",
 "simpleType" : "List<DomainInfo>",
 "variableSetterType" : "java.util.Collection<DomainInfo>"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListDomainNamesResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "ListDomainNamesResponse",
 "variableName" : "listDomainNamesResponse",
 "variableType" : "ListDomainNamesResponse",
 "documentation" : null,
 "simpleType" : "ListDomainNamesResponse",
 "variableSetterType" : "ListDomainNamesResponse"
},
"wrapper" : false
},
"ListElasticsearchInstanceTypesRequest" : {
 "c2jName" : "ListElasticsearchInstanceTypesRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Container for the parameters to the <code><a>ListElasticsearchInstanceTypes
</code> operation. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,

```

```

"marshaller" : {
 "action" : "ListElasticsearchInstanceTypes",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/instanceTypes/{ElasticsearchVersion}",
 "target" : null,
 "verb" : "GET",
 "xmlNamespaceUri" : null
},
"members" : [{
 "beanStyleGetterMethodName" : "getElasticsearchVersion",
 "beanStyleSetterMethodName" : "setElasticsearchVersion",
 "c2jName" : "ElasticsearchVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported
elasticsearch instance types are needed. </p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#elasticsearchVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchVersion",
 "fluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance
types are needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which list of supported
elasticsearch instance types are needed. \n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "elasticsearchVersion",
 "getterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types
are needed. </p>\n@return Version of Elasticsearch for which list of supported elasticsearch instance types are
needed.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

```

```

 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "ElasticsearchVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersion",
 "uri" : true
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ElasticsearchVersion",
 "setterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types
are needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch
instance types are needed.",
 "setterMethodName" : "setElasticsearchVersion",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we

```

are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainName(String)",

"deprecated" : false,

"documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "domainName",

"fluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "domainName",

"getterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>\n@return DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.",

"getterModel" : {  
 "returnType" : "String",  
 "documentation" : null  
 },

"http" : {  
 "additionalMarshallingPath" : null,  
 "additionalUnmarshallingPath" : null,  
 "flattened" : false,  
 "greedy" : false,  
 "header" : false,  
 "isPayload" : false,  
 "isStreaming" : false,  
 "location" : "querystring",  
 "marshallLocation" : "QUERY\_PARAM",  
 "marshallLocationName" : "domainName",  
 "queryString" : true,  
 "statusCode" : false,  
 "unmarshallLocationName" : "domainName",  
 "uri" : false

```

 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify.
This should be present only if we are querying for list of available Elasticsearch instance types when modifying
existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying
to modify. This should be present only if we are querying for list of available Elasticsearch instance types when
modifying existing domain.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for list of available Elasticsearch instance types when modifying existing
domain. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned.
Value provided must be greater than 30 else it wont be honored. </p>\nThis is a convenience that creates an instance
of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen
the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to
{ @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see

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```

#maxResults(Integer)",
 "deprecated" : false,
 "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 30 else it wont be honored. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "maxResults",
 "fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must
be greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 30 else it wont be honored.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "maxResults",
 "getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 30 else it wont be honored. </p>\n@return Set this value to limit the number of results returned. Value
provided must be greater than 30 else it wont be honored.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "maxResults",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "MaxResults",
 "setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be

```

greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.",

```
"setterMethodName" : "setMaxResults",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>\n@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. \n@return Returns a reference to this object so that method calls can be chained together.",
```

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 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "nextToken",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "nextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NextToken",
 "setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
 "setterMethodName" : "setNextToken",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {

```



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 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that
we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance
types when modifying existing domain. </p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#domainName(String)}. \n@param domainName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for list of available Elasticsearch instance types when modifying existing
domain. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to
modify. This should be present only if we are querying for list of available Elasticsearch instance types when
modifying existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we
are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types
when modifying existing domain.\n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify.
This should be present only if we are querying for list of available Elasticsearch instance types when modifying
existing domain. </p>\n@return DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for list of available Elasticsearch instance types when modifying existing
domain.",
 "getterModel" : {
 "returnType" : "String",

```

```

 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "domainName",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "domainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify.
This should be present only if we are querying for list of available Elasticsearch instance types when modifying
existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying
to modify. This should be present only if we are querying for list of available Elasticsearch instance types when
modifying existing domain.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This

```

should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>

```
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ElasticsearchVersion" : {
"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported
elasticsearch instance types are needed. </p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#elasticsearchVersion(String)",
"deprecated" : false,
"documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance
types are needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which list of supported
elasticsearch instance types are needed. \n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types
are needed. </p>\n@return Version of Elasticsearch for which list of supported elasticsearch instance types
are needed.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
```

```

"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "ElasticsearchVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersion",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types
are needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch
instance types are needed.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"MaxResults" : {
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned.

```

Value provided must be greater than 30 else it wont be honored. </p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #maxResults(Integer)",

"deprecated" : false,

"documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "maxResults",

"fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "maxResults",

"getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>\n@return Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.",

"getterModel" : {

"returnType" : "Integer",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : "querystring",

"marshallLocation" : "QUERY\_PARAM",

"marshallLocationName" : "maxResults",

"queryString" : true,

"statusCode" : false,

"unmarshallLocationName" : "maxResults",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

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"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 30 else it wont be honored.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 30 else it wont be honored. </p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"NextToken" : {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination. </p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,

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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination. </p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination.\n@return Returns a reference to
this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "nextToken",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "nextToken",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,

```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getElasticsearchVersion",
 "beanStyleSetterMethodName" : "setElasticsearchVersion",
 "c2jName" : "ElasticsearchVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported
elasticsearch instance types are needed. </p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersion(String)}. \n@param elasticsearchVersion a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#elasticsearchVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchVersion",
 "fluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance
types are needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which list of supported
elasticsearch instance types are needed. \n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "elasticsearchVersion",
 "getterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types
are needed. </p>\n@return Version of Elasticsearch for which list of supported elasticsearch instance types are
needed.",
 "getterModel" : {
 "returnType" : "String",

```



```

"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "ElasticsearchVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersion",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types
are needed. </p>\n@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch
instance types are needed.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchVersion",
 "variableType" : "String",
 "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. </p>",
 "simpleType" : "String",

```

```

 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we
are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types
when modifying existing domain. </p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#domainName(String)}. \n@param domainName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for list of available Elasticsearch instance types when modifying existing
domain. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to
modify. This should be present only if we are querying for list of available Elasticsearch instance types when
modifying existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we
are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types
when modifying existing domain.\n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify.
This should be present only if we are querying for list of available Elasticsearch instance types when modifying
existing domain. </p>\n@return DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for list of available Elasticsearch instance types when modifying existing
domain.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```

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 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "domainName",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "domainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>\n@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getMaxResults",

```

```

"beanStyleSetterMethodName" : "setMaxResults",
"c2jName" : "MaxResults",
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned.
Value provided must be greater than 30 else it wont be honored. </p>\nThis is a convenience that creates an instance
of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen
the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to
{ @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#maxResults(Integer)",
"deprecated" : false,
"documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 30 else it wont be honored. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must
be greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 30 else it wont be honored.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "maxResults",
"getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 30 else it wont be honored. </p>\n@return Set this value to limit the number of results returned. Value
provided must be greater than 30 else it wont be honored.",
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "maxResults",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
},
"idempotencyToken" : false,

```

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 30 else it wont be honored.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 30 else it wont be honored. </p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination. </p>\nThis is a convenience that creates an instance
of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #nextToken(String)}. \n@param nextToken a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
 "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination. </p>\n@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination.\n@return Returns a reference to
this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "nextToken",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "nextToken",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",

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 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["ElasticsearchVersion"],
"shapeName" : "ListElasticsearchInstanceTypesRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "ListElasticsearchInstanceTypesRequest",
 "variableName" : "listElasticsearchInstanceTypesRequest",
 "variableType" : "ListElasticsearchInstanceTypesRequest",
 "documentation" : null,
 "simpleType" : "ListElasticsearchInstanceTypesRequest",
 "variableSetterType" : "ListElasticsearchInstanceTypesRequest"
},
"wrapper" : false
},
"ListElasticsearchInstanceTypesResponse" : {
 "c2jName" : "ListElasticsearchInstanceTypesResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Container for the parameters returned by <code>
<a>ListElasticsearchInstanceTypes </code> operation. </p>",
 "enums" : null,

```

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"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getElasticsearchInstanceTypesAsStrings",
 "beanStyleSetterMethodName" : "setElasticsearchInstanceTypesWithStrings",
 "c2jName" : "ElasticsearchInstanceTypes",
 "c2jShape" : "ElasticsearchInstanceTypeList",
 "defaultConsumerFluentSetterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch
service for given <code> <a>ElasticsearchVersion </code> </p>\nThis is a convenience that creates an instance
of the { @link List<String>.Builder} avoiding the need to create one manually via { @link
List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is
called immediately and its result is passed to { @link
#elasticsearchInstanceTypesAsStrings(List<String>)}. \n@param elasticsearchInstanceTypes a consumer that will
call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can
be chained together. \n@see #elasticsearchInstanceTypesWithStrings(List<String>)",
 "deprecated" : false,
 "documentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code>
<a>ElasticsearchVersion </code> </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "elasticsearchInstanceTypes",
 "fluentEnumSetterMethodName" : "elasticsearchInstanceTypes",
 "fluentGetterMethodName" : "elasticsearchInstanceTypesAsStrings",
 "fluentSetterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion </code> </p>\n@param elasticsearchInstanceTypes List of instance types
supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion </code>\n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchInstanceTypesWithStrings",
 "getterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion </code> </p>\n<p>\nAttempts to modify the collection returned by this
method will result in an UnsupportedOperationException. \n</p>\n@return List of instance types supported by
Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion </code>",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,

```



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"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchInstanceTypes",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchInstanceTypes",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMemberAsString",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#memberAsString(String)}. \n@param member a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "member",
 "fluentEnumSetterMethodName" : "member",
 "fluentGetterMethodName" : "memberAsString",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@see ESPartitionInstanceType\n@return Returns a
reference to this object so that method calls can be chained together.\n\n@see ESPartitionInstanceType",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #member} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #memberAsString}.\n\n</p>\n\n@return The value of the Member property for this object.\n\n@see

```

```

ESPartitionInstanceType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n\n@see ESPartitionInstanceType",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : ""
 }

```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchInstanceTypes",
"setterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion </code> </p>\n@param elasticsearchInstanceTypes List of instance types
supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion </code>",
"setterMethodName" : "setElasticsearchInstanceTypesWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "elasticsearchInstanceTypes",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "elasticsearchInstanceTypes",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code>
<a>ElasticsearchVersion </code> </p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",

```

```

"defaultConsumerFluentSetterDocumentation" : "<p>In case if there are more results available NextToken
would be present, make further request to the same API with received NextToken to paginate remaining results.
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #nextToken(String)}. \n@param nextToken a consumer that
will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be
chained together. \n@see #nextToken(String)",
"deprecated" : false,
"documentation" : "<p>In case if there are more results available NextToken would be present, make further
request to the same API with received NextToken to paginate remaining results. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>In case if there are more results available NextToken would be present,
make further request to the same API with received NextToken to paginate remaining results. </p>\n@param
nextToken In case if there are more results available NextToken would be present, make further request to the same
API with received NextToken to paginate remaining results. \n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>In case if there are more results available NextToken would be present, make
further request to the same API with received NextToken to paginate remaining results. </p>\n@return In case if
there are more results available NextToken would be present, make further request to the same API with received
NextToken to paginate remaining results.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,

```

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>In case if there are more results available NextToken would be present, make
further request to the same API with received NextToken to paginate remaining results. </p>\n@param nextToken
In case if there are more results available NextToken would be present, make further request to the same API with
received NextToken to paginate remaining results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>In case if there are more results available NextToken would be present, make further
request to the same API with received NextToken to paginate remaining results. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "ElasticsearchInstanceTypes" : {
 "beanStyleGetterMethodName" : "getElasticsearchInstanceTypesAsStrings",
 "beanStyleSetterMethodName" : "setElasticsearchInstanceTypesWithStrings",
 "c2jName" : "ElasticsearchInstanceTypes",
 "c2jShape" : "ElasticsearchInstanceTypeList",
 "defaultConsumerFluentSetterDocumentation" : "<p> List of instance types supported by Amazon
Elasticsearch service for given <code> <a>ElasticsearchVersion </code> </p>\nThis is a convenience that
creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link
List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is
called immediately and its result is passed to { @link
#elasticsearchInstanceTypesAsStrings(List<String>)}. \n@param elasticsearchInstanceTypes a consumer that will
call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can
be chained together. \n@see #elasticsearchInstanceTypesWithStrings(List<String>)",
 "deprecated" : false,

```

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"documentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code>
<a>ElasticsearchVersion </code> </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "elasticsearchInstanceTypes",
"fluentEnumSetterMethodName" : "elasticsearchInstanceTypes",
"fluentGetterMethodName" : "elasticsearchInstanceTypesAsStrings",
"fluentSetterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for
given <code> <a>ElasticsearchVersion </code> </p>\n@param elasticsearchInstanceTypes List of instance
types supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion </code>\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchInstanceTypesWithStrings",
"getterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion </code> </p>\n<p>\nAttempts to modify the collection returned by this
method will result in an UnsupportedOperationException.\n</p>\n@return List of instance types supported by
Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion </code>",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchInstanceTypes",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchInstanceTypes",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMemberAsString",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",

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 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#memberAsString(String)}. \n@param member a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "member",
 "fluentEnumSetterMethodName" : "member",
 "fluentGetterMethodName" : "memberAsString",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@see ESPartitionInstanceType\n@return Returns a
reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #member} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available
from { @link #memberAsString}. \n</p>\n@return The value of the Member property for this object.\n@see
ESPartitionInstanceType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,

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 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.\n\n@see ESPartitionInstanceType",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchInstanceTypes",
"setterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion </code> </p>\n\n@param elasticsearchInstanceTypes List of instance types
supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion </code>",
"setterMethodName" : "setElasticsearchInstanceTypesWithStrings",
"setterModel" : {

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"variableDeclarationType" : "java.util.List<String>",
"variableName" : "elasticsearchInstanceTypes",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "elasticsearchInstanceTypes",
"variableType" : "java.util.List<String>",
"documentation" : "<p>List of instance types supported by Amazon Elasticsearch service for given <code>
<a>ElasticsearchVersion </code> </p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
},
"NextToken" : {
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>In case if there are more results available NextToken
would be present, make further request to the same API with received NextToken to paginate remaining results.
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #nextToken(String)}. \n@param nextToken a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together. \n@see #nextToken(String)",
"deprecated" : false,
"documentation" : "<p>In case if there are more results available NextToken would be present, make further
request to the same API with received NextToken to paginate remaining results. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>In case if there are more results available NextToken would be present,
make further request to the same API with received NextToken to paginate remaining results. </p>\n@param
nextToken In case if there are more results available NextToken would be present, make further request to the same
API with received NextToken to paginate remaining results. \n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>In case if there are more results available NextToken would be present, make

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further request to the same API with received NextToken to paginate remaining results. </p>\n@return In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
```

```
"setterDocumentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>\n@param nextToken In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.",
```

```
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
```

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 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>In case if there are more results available NextToken would be present, make further
request to the same API with received NextToken to paginate remaining results. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getElasticsearchInstanceTypesAsStrings",
 "beanStyleSetterMethodName" : "setElasticsearchInstanceTypesWithStrings",
 "c2jName" : "ElasticsearchInstanceTypes",
 "c2jShape" : "ElasticsearchInstanceTypeList",
 "defaultConsumerFluentSetterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch
service for given <code> <a>ElasticsearchVersion </code> </p>\nThis is a convenience that creates an instance
of the { @link List<String>.Builder} avoiding the need to create one manually via { @link
List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is
called immediately and its result is passed to { @link
#elasticsearchInstanceTypesAsStrings(List<String>)}. \n@param elasticsearchInstanceTypes a consumer that will
call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can
be chained together. \n@see #elasticsearchInstanceTypesWithStrings(List<String>)",
 "deprecated" : false,
 "documentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code>
<a>ElasticsearchVersion </code> </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "elasticsearchInstanceTypes",
 "fluentEnumSetterMethodName" : "elasticsearchInstanceTypes",
 "fluentGetterMethodName" : "elasticsearchInstanceTypesAsStrings",
 "fluentSetterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion </code> </p>\n@param elasticsearchInstanceTypes List of instance types
supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion </code>\n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchInstanceTypesWithStrings",
 "getterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion </code> </p>\n<p>\nAttempts to modify the collection returned by this
method will result in an UnsupportedOperationException. \n</p>\n@return List of instance types supported by
Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion </code>",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,

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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchInstanceTypes",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchInstanceTypes",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMemberAsString",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#memberAsString(String)}. \n@param member a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "member",
 "fluentEnumSetterMethodName" : "member",
 "fluentGetterMethodName" : "memberAsString",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@see ESPartitionInstanceType\n@return Returns a
reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n<p>\nIf the service
returns an enum value that is not available in the current SDK version, { @link #member} will return { @link
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available

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from { @link #memberAsString }.</p>\n@return The value of the Member property for this object.\n@see
ESPartitionInstanceType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.\n@see ESPartitionInstanceType",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",

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 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchInstanceTypes",
"setterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> <a>ElasticsearchVersion </code> </p>\n@param elasticsearchInstanceTypes List of instance types
supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion </code>",
"setterMethodName" : "setElasticsearchInstanceTypesWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "elasticsearchInstanceTypes",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "elasticsearchInstanceTypes",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code>
<a>ElasticsearchVersion </code> </p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",

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 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>In case if there are more results available NextToken
would be present, make further request to the same API with received NextToken to paginate remaining results.
</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()}
is called immediately and its result is passed to { @link #nextToken(String)}. \n@param nextToken a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together. \n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "<p>In case if there are more results available NextToken would be present, make further
request to the same API with received NextToken to paginate remaining results. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "<p>In case if there are more results available NextToken would be present,
make further request to the same API with received NextToken to paginate remaining results. </p>\n@param
nextToken In case if there are more results available NextToken would be present, make further request to the same
API with received NextToken to paginate remaining results. \n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "<p>In case if there are more results available NextToken would be present, make
further request to the same API with received NextToken to paginate remaining results. </p>\n@return In case if
there are more results available NextToken would be present, make further request to the same API with received
NextToken to paginate remaining results.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
 },
 "idempotencyToken" : false,

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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>In case if there are more results available NextToken would be present, make
further request to the same API with received NextToken to paginate remaining results. </p>\n@param nextToken
In case if there are more results available NextToken would be present, make further request to the same API with
received NextToken to paginate remaining results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>In case if there are more results available NextToken would be present, make further
request to the same API with received NextToken to paginate remaining results. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListElasticsearchInstanceTypesResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "ListElasticsearchInstanceTypesResponse",
 "variableName" : "listElasticsearchInstanceTypesResponse",
 "variableType" : "ListElasticsearchInstanceTypesResponse",
 "documentation" : null,

```



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 "simpleType" : "ListElasticsearchInstanceTypesResponse",
 "variableSetterType" : "ListElasticsearchInstanceTypesResponse"
 },
 "wrapper" : false
},
"ListElasticsearchVersionsRequest" : {
 "c2jName" : "ListElasticsearchVersionsRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Container for the parameters to the <code> <a>ListElasticsearchVersions </code>
operation. <p> Use <code> <a>MaxResults </code> to control the maximum number of results to retrieve in a
single call. <p> <p> Use <code> <a>NextToken </code> in response to retrieve more results. If the received
response does not contain a NextToken, then there are no more results to retrieve. </p> </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "ListElasticsearchVersions",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/versions",
 "target" : null,
 "verb" : "GET",
 "xmlNamespaceUri" : null
 },
 "members" : [{
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned.
Value provided must be greater than 10 else it wont be honored. </p>\nThis is a convenience that creates an instance
of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen
the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to
{ @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see

```

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#maxResults(Integer)",
 "deprecated" : false,
 "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 10 else it wont be honored. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "maxResults",
 "fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must
be greater than 10 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 10 else it wont be honored.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "maxResults",
 "getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 10 else it wont be honored. </p>\n@return Set this value to limit the number of results returned. Value
provided must be greater than 10 else it wont be honored.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "maxResults",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "MaxResults",
 "setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be

```

```

greater than 10 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 10 else it wont be honored.",
 "setterMethodName" : "setMaxResults",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
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 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 10 else it wont be honored. </p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken
The new value for the NextToken property for this object.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "Returns the value of the NextToken property for this object.\n\n@return The value of
the NextToken property for this object.",

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"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "nextToken",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "nextToken",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The
new value for the NextToken property for this object.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",

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 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "MaxResults" : {
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned.
Value provided must be greater than 10 else it wont be honored. </p>\nThis is a convenience that creates an instance
of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen
the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to
{ @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#maxResults(Integer)",
 "deprecated" : false,
 "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 10 else it wont be honored. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "maxResults",
 "fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must
be greater than 10 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 10 else it wont be honored. \n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "maxResults",
 "getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 10 else it wont be honored. </p>\n@return Set this value to limit the number of results returned. Value
provided must be greater than 10 else it wont be honored.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 },

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 "marshallLocationName" : "maxResults",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "MaxResults",
 "setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 10 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 10 else it wont be honored.",
 "setterMethodName" : "setMaxResults",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 10 else it wont be honored. </p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
},
"NextToken" : {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link

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String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}.  
@param nextToken a consumer that will call methods on { @link String.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #nextToken(String)",

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"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.
@param nextToken The new value for the NextToken property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "Returns the value of the NextToken property for this object.
@return The value of the NextToken property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "nextToken",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "nextToken",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.
@param nextToken The new value for the NextToken property for this object.",
```

```

"setterMethodName" : "setNextToken",
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 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned.
Value provided must be greater than 10 else it wont be honored. </p>\nThis is a convenience that creates an instance
of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen
the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to
{ @link #maxResults(Integer)}. \n@param maxResults a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#maxResults(Integer)",
 "deprecated" : false,
 "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 10 else it wont be honored. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "maxResults",
 "fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must
be greater than 10 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results
returned. Value provided must be greater than 10 else it wont be honored. \n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "maxResults",

```



"getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>\n@return Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored.",

```
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "maxResults",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
```

"setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored.",

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"setterMethodName" : "setMaxResults",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
```

```

 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater
than 10 else it wont be honored. </p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken
The new value for the NextToken property for this object.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of
the NextToken property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "nextToken",

```

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 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "nextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NextToken",
 "setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The
new value for the NextToken property for this object.",
 "setterMethodName" : "setNextToken",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,
"shapeName" : "ListElasticsearchVersionsRequest",
"simpleMethod" : true,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "ListElasticsearchVersionsRequest",
 "variableName" : "listElasticsearchVersionsRequest",
 "variableType" : "ListElasticsearchVersionsRequest",
 "documentation" : null,

```

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 "simpleType" : "ListElasticsearchVersionsRequest",
 "variableSetterType" : "ListElasticsearchVersionsRequest"
 },
 "wrapper" : false
},
"ListElasticsearchVersionsResponse" : {
 "c2jName" : "ListElasticsearchVersionsResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Container for the parameters for response received from <code>
<a>ListElasticsearchVersions </code> operation. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getElasticsearchVersions",
 "beanStyleSetterMethodName" : "setElasticsearchVersions",
 "c2jName" : "ElasticsearchVersions",
 "c2jShape" : "ElasticsearchVersionList",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this
object.\n\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to
create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersions(List<String>)}. \n@param elasticsearchVersions a consumer that will call methods on
{ @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #elasticsearchVersions(List<String>)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchVersions",

```

```

"fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n\n@param
elasticsearchVersions The new value for the ElasticsearchVersions property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchVersions",
"getterDocumentation" : "Returns the value of the ElasticsearchVersions property for this
object.\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The value of the ElasticsearchVersions property for this object.",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchVersions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,

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 "eventPayload" : false,
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 "fluentEnumSetterMethodName" : null,
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The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
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 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,

```

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 "simpleType" : "String",
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 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "xmlNamespaceUri" : null
},
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"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
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"simpleType" : "String",
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"templateType" : "java.util.List<String>"
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"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchVersions",
"setterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n\n@param
elasticsearchVersions The new value for the ElasticsearchVersions property for this object.",
"setterMethodName" : "setElasticsearchVersions",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "elasticsearchVersions",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "elasticsearchVersions",
 "variableType" : "java.util.List<String>",
 "documentation" : "",
 "simpleType" : "List<String>",

```

```

 "variableSetterType" : "java.util.Collection<String>"
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 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
 "deprecated" : false,
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 "eventPayload" : false,
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 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n@param nextToken
The new value for the NextToken property for this object.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of
the NextToken property for this object.",
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 "documentation" : null
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"http" : {
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 "additionalUnmarshallingPath" : null,
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 "greedy" : false,
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 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
},

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"idempotencyToken" : false,
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"list" : false,
"listModel" : null,
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"mapModel" : null,
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"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The
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"setterMethodName" : "setNextToken",
"setterModel" : {
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 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
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 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "ElasticsearchVersions" : {
 "beanStyleGetterMethodName" : "getElasticsearchVersions",
 "beanStyleSetterMethodName" : "setElasticsearchVersions",
 "c2jName" : "ElasticsearchVersions",
 "c2jShape" : "ElasticsearchVersionList",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this
object.\n\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to
create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchVersions(List<String>)}. \n@param elasticsearchVersions a consumer that will call methods on
{ @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #elasticsearchVersions(List<String>)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersions",
"fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this
object.\n\n@param elasticsearchVersions The new value for the ElasticsearchVersions property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchVersions",
"getterDocumentation" : "Returns the value of the ElasticsearchVersions property for this
object.\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The value of the ElasticsearchVersions property for this object.",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchVersions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersions",
 "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param

```

member a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(String)",

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"deprecated" : false,
"documentation" : "",
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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
```

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"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
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 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchVersions",
"setterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n\n@param
elasticsearchVersions The new value for the ElasticsearchVersions property for this object.",
"setterMethodName" : "setElasticsearchVersions",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "elasticsearchVersions",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {

```

```

 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "elasticsearchVersions",
 "variableType" : "java.util.List<String>",
 "documentation" : "",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
},
"NextToken" : {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",
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 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param
nextToken The new value for the NextToken property for this object.\n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of
the NextToken property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",

```

```

 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
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 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NextToken",
 "setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The
new value for the NextToken property for this object.",
 "setterMethodName" : "setNextToken",
 "setterModel" : {
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 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getElasticsearchVersions",
 "beanStyleSetterMethodName" : "setElasticsearchVersions",
 "c2jName" : "ElasticsearchVersions",
 "c2jShape" : "ElasticsearchVersionList",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this
object.\n\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to
create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link

```

```

#elasticsearchVersions(List<String>)}.\n@param elasticsearchVersions a consumer that will call methods on
{@link List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #elasticsearchVersions(List<String>)",
 "deprecated" : false,
 "documentation" : "",
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 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchVersions",
 "fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n\n@param
elasticsearchVersions The new value for the ElasticsearchVersions property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchVersions",
 "getterDocumentation" : "Returns the value of the ElasticsearchVersions property for this
object.\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The value of the ElasticsearchVersions property for this object.",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchVersions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchVersions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",

```

```

 "c2jName" : "member",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
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 "eventPayload" : false,
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 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
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 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,

```



```

"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchVersions",
"setterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n\n@param
elasticsearchVersions The new value for the ElasticsearchVersions property for this object.",
"setterMethodName" : "setElasticsearchVersions",
"setterModel" : {
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 "variableName" : "elasticsearchVersions",
 "variableType" : "java.util.List<String>",
 "documentation" : null,

```

```

 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "elasticsearchVersions",
 "variableType" : "java.util.List<String>",
 "documentation" : "",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
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 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "NextToken",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. \n@param
nextToken a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "nextToken",
 "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object. \n\n@param nextToken
The new value for the NextToken property for this object. \n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "nextToken",
 "getterDocumentation" : "Returns the value of the NextToken property for this object. \n@return The value of
the NextToken property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

```

```

 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NextToken",
 "setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The
new value for the NextToken property for this object.",
 "setterMethodName" : "setNextToken",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,
"shapeName" : "ListElasticsearchVersionsResponse",
"simpleMethod" : false,

```

```

"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "ListElasticsearchVersionsResponse",
 "variableName" : "listElasticsearchVersionsResponse",
 "variableType" : "ListElasticsearchVersionsResponse",
 "documentation" : null,
 "simpleType" : "ListElasticsearchVersionsResponse",
 "variableSetterType" : "ListElasticsearchVersionsResponse"
},
"wrapper" : false
},
"ListTagsRequest" : {
 "c2jName" : "ListTagsRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Container for the parameters to the <code><a>ListTags</code> operation. Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view are attached.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "ListTags",
 "locationName" : null,
 "requestUri" : "/2015-01-01/tags/",
 "target" : null,
 "verb" : "GET",
 "xmlNamespaceUri" : null
 },
 "members" : [{
 "beanStyleGetterMethodName" : "getArn",
 "beanStyleSetterMethodName" : "setArn",

```

```

"c2jName" : "ARN",
"c2jShape" : "ARN",
"defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch
domain to which the tags are attached that you want to view.</p>\nThis is a convenience that creates an instance of
the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder}\n@return Returns
a reference to this object so that method calls can be chained together.\n@see #arn(String)",
"deprecated" : false,
"documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the
tags are attached that you want to view.</p>\n@param arn Specify the <code>ARN</code> for the Elasticsearch
domain to which the tags are attached that you want to view.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "arn",
"getterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags
are attached that you want to view.</p>\n@return Specify the <code>ARN</code> for the Elasticsearch domain to
which the tags are attached that you want to view.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "arn",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "arn",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

```

```

"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags
are attached that you want to view.</p>\n@param arn Specify the <code>ARN</code> for the Elasticsearch domain
to which the tags are attached that you want to view.",
"setterMethodName" : "setArn",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "ARN" : {
 "beanStyleGetterMethodName" : "getArn",
 "beanStyleSetterMethodName" : "setArn",
 "c2jName" : "ARN",
 "c2jShape" : "ARN",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch
domain to which the tags are attached that you want to view.</p>\nThis is a convenience that creates an instance of
the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder} \n@return Returns
a reference to this object so that method calls can be chained together. \n@see #arn(String)",
 "deprecated" : false,
 "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
 "enumType" : null,
 "eventHeader" : false,

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 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "arn",
 "fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which
the tags are attached that you want to view.</p>\n@param arn Specify the <code>ARN</code> for the Elasticsearch
domain to which the tags are attached that you want to view.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "arn",
 "getterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags
are attached that you want to view.</p>\n@return Specify the <code>ARN</code> for the Elasticsearch domain to
which the tags are attached that you want to view.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "arn",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "arn",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ARN",
 "setterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags
are attached that you want to view.</p>\n@param arn Specify the <code>ARN</code> for the Elasticsearch domain
to which the tags are attached that you want to view.",
 "setterMethodName" : "setArn",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",

```

```

 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getArn",
 "beanStyleSetterMethodName" : "setArn",
 "c2jName" : "ARN",
 "c2jShape" : "ARN",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch
domain to which the tags are attached that you want to view.</p>\nThis is a convenience that creates an instance of
the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to
{ @link #arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder}\n@return Returns
a reference to this object so that method calls can be chained together.\n@see #arn(String)",
 "deprecated" : false,
 "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "arn",
 "fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the
tags are attached that you want to view.</p>\n@param arn Specify the <code>ARN</code> for the Elasticsearch
domain to which the tags are attached that you want to view.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "arn",
 "getterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags
are attached that you want to view.</p>\n@return Specify the <code>ARN</code> for the Elasticsearch domain to
which the tags are attached that you want to view.",
 "getterModel" : {

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 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "arn",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "arn",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ARN",
 "setterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags
are attached that you want to view.</p>\n@param arn Specify the <code>ARN</code> for the Elasticsearch domain
to which the tags are attached that you want to view.",
 "setterMethodName" : "setArn",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",

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 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["ARN"],
"shapeName" : "ListTagsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "ListTagsRequest",
 "variableName" : "listTagsRequest",
 "variableType" : "ListTagsRequest",
 "documentation" : null,
 "simpleType" : "ListTagsRequest",
 "variableSetterType" : "ListTagsRequest"
},
"wrapper" : false
},
"ListTagsResponse" : {
 "c2jName" : "ListTagsResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The result of a <code>ListTags</code> operation. Contains tags for all requested
Elasticsearch domains.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getTagList",
 "beanStyleSetterMethodName" : "setTagList",
 "c2jName" : "TagList",

```

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"c2jShape" : "TagList",
"defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder}
avoiding the need to create one manually via { @link List<Tag>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link
#tagList(List<Tag>)}.\n@param tagList a consumer that will call methods on { @link List<Tag>.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #tagList(List<Tag>)",
"deprecated" : false,
"documentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagList",
"fluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "tagList",
"getterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return List of <code>Tag</code> for the requested Elasticsearch
domain.",
"getterModel" : {
 "returnType" : "java.util.List<Tag>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TagList",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TagList",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {

```

```

"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "Tag",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link Tag.Builder} avoiding the need to create one
manually via { @link Tag#builder()}. \n\nWhen the { @link Consumer} completes, { @link Tag.Builder#build()} is
called immediately and its result is passed to { @link #member(Tag)}. \n@param member a consumer that will call
methods on { @link Tag.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(Tag)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "Tag",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,

```

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 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "Tag",
 "variableName" : "member",
 "variableType" : "Tag",
 "documentation" : null,
 "simpleType" : "Tag",
 "variableSetterType" : "Tag"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Tag",
 "variableName" : "member",
 "variableType" : "Tag",
 "documentation" : "",
 "simpleType" : "Tag",
 "variableSetterType" : "Tag"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"setterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n\n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.",
"setterMethodName" : "setTagList",

```

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"setterModel" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",
 "documentation" : null,
 "simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",
 "documentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
 "simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "TagList" : {
 "beanStyleGetterMethodName" : "getTagList",
 "beanStyleSetterMethodName" : "setTagList",
 "c2jName" : "TagList",
 "c2jShape" : "TagList",
 "defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder }
avoiding the need to create one manually via { @link List<Tag>#builder()}. \n\nWhen the { @link Consumer }
completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link
#tagList(List<Tag>)}. \n@param tagList a consumer that will call methods on { @link List<Tag>.Builder}\n@return
Returns a reference to this object so that method calls can be chained together. \n@see #tagList(List<Tag>)",
 "deprecated" : false,
 "documentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "tagList",
 "fluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain. \n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "tagList",
 "getterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return List of <code>Tag</code> for the requested Elasticsearch
domain.",

```

```

"getterModel" : {
 "returnType" : "java.util.List<Tag>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TagList",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TagList",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "Tag",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link Tag.Builder} avoiding the need to create one
manually via { @link Tag#builder()}. \n\nWhen the { @link Consumer} completes, { @link Tag.Builder#build()} is
called immediately and its result is passed to { @link #member(Tag)}. \n\n@param member a consumer that will call
methods on { @link Tag.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #member(Tag)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method

```

```

calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "Tag",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "Tag",
 "variableName" : "member",
 "variableType" : "Tag",
 "documentation" : null,
 "simpleType" : "Tag",
 "variableSetterType" : "Tag"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Tag",

```



```

 "variableName" : "member",
 "variableType" : "Tag",
 "documentation" : "",
 "simpleType" : "Tag",
 "variableSetterType" : "Tag"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"setterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>\n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.",
"setterMethodName" : "setTagList",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",
 "documentation" : null,
 "simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",
 "documentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
 "simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getTagList",

```

```

"beanSetterMethodName" : "setTagList",
"c2jName" : "TagList",
"c2jShape" : "TagList",
"defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder}
avoiding the need to create one manually via { @link List<Tag>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link
#tagList(List<Tag>)}.\n@param tagList a consumer that will call methods on { @link List<Tag>.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #tagList(List<Tag>)",
"deprecated" : false,
"documentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagList",
"fluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "tagList",
"getterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return List of <code>Tag</code> for the requested Elasticsearch
domain.",
"getterModel" : {
 "returnType" : "java.util.List<Tag>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TagList",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TagList",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

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"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "Tag",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link Tag.Builder} avoiding the need to create one
manually via { @link Tag#builder()}. \n\nWhen the { @link Consumer} completes, { @link Tag.Builder#build()} is
called immediately and its result is passed to { @link #member(Tag)}. \n@param member a consumer that will call
methods on { @link Tag.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(Tag)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "Tag",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 }
 }
}

```

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 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "Tag",
 "variableName" : "member",
 "variableType" : "Tag",
 "documentation" : null,
 "simpleType" : "Tag",
 "variableSetterType" : "Tag"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Tag",
 "variableName" : "member",
 "variableType" : "Tag",
 "documentation" : "",
 "simpleType" : "Tag",
 "variableSetterType" : "Tag"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"setterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch

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domain.</p>\n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.",
 "setterMethodName" : "setTagList",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",
 "documentation" : null,
 "simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",
 "documentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
 "simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListTagsResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "ListTagsResponse",
 "variableName" : "listTagsResponse",
 "variableType" : "ListTagsResponse",
 "documentation" : null,
 "simpleType" : "ListTagsResponse",
 "variableSetterType" : "ListTagsResponse"
},
"wrapper" : false
},
"LogPublishingOption" : {
 "c2jName" : "LogPublishingOption",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,

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 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Log Publishing option that is set for given domain.
Attributes and their details:
CloudWatchLogsLogGroupArn: ARN of the Cloudwatch log group to which log needs to be published.
Enabled: Whether the log publishing for given log type is enabled or not </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getCloudWatchLogsLogGroupArn",
 "beanStyleSetterMethodName" : "setCloudWatchLogsLogGroupArn",
 "c2jName" : "CloudWatchLogsLogGroupArn",
 "c2jShape" : "CloudWatchLogsLogGroupArn",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property
for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#cloudWatchLogsLogGroupArn(String)}. \n@param cloudWatchLogsLogGroupArn a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #cloudWatchLogsLogGroupArn(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "cloudWatchLogsLogGroupArn",
 "fluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this
object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property
for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "cloudWatchLogsLogGroupArn",
 "getterDocumentation" : "Returns the value of the CloudWatchLogsLogGroupArn property for this
object.\n@return The value of the CloudWatchLogsLogGroupArn property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CloudWatchLogsLogGroupArn",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CloudWatchLogsLogGroupArn",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CloudWatchLogsLogGroupArn",
"setterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this
object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property
for this object.",
"setterMethodName" : "setCloudWatchLogsLogGroupArn",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "cloudWatchLogsLogGroupArn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "cloudWatchLogsLogGroupArn",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {

```

```

"beanStyleGetterMethodName" : "getEnabled",
"beanStyleSetterMethodName" : "setEnabled",
"c2jName" : "Enabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled
or not.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param
enabled a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #enabled(Boolean)",
"deprecated" : false,
"documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled or
not.</p>\n@param enabled Specifies whether given log publishing option is enabled or not.\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@return
Specifies whether given log publishing option is enabled or not.",
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Enabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Enabled",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,

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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@param
enabled Specifies whether given log publishing option is enabled or not.",
"setterMethodName" : "setEnabled",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "CloudWatchLogsLogGroupArn" : {
 "beanStyleGetterMethodName" : "getCloudWatchLogsLogGroupArn",
 "beanStyleSetterMethodName" : "setCloudWatchLogsLogGroupArn",
 "c2jName" : "CloudWatchLogsLogGroupArn",
 "c2jShape" : "CloudWatchLogsLogGroupArn",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn
property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#cloudWatchLogsLogGroupArn(String)}. \n@param cloudWatchLogsLogGroupArn a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #cloudWatchLogsLogGroupArn(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,

```

```

 "fluentGetterMethodName" : "cloudWatchLogsLogGroupArn",
 "fluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this
object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property
for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "cloudWatchLogsLogGroupArn",
 "getterDocumentation" : "Returns the value of the CloudWatchLogsLogGroupArn property for this
object.\n@return The value of the CloudWatchLogsLogGroupArn property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CloudWatchLogsLogGroupArn",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CloudWatchLogsLogGroupArn",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "CloudWatchLogsLogGroupArn",
 "setterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this
object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property
for this object.",
 "setterMethodName" : "setCloudWatchLogsLogGroupArn",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "cloudWatchLogsLogGroupArn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },

```

```

"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "cloudWatchLogsLogGroupArn",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"Enabled" : {
 "beanStyleGetterMethodName" : "getEnabled",
 "beanStyleSetterMethodName" : "setEnabled",
 "c2jName" : "Enabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled
or not.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param
enabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #enabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "enabled",
 "fluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled or
not.</p>\n@param enabled Specifies whether given log publishing option is enabled or not. \n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "enabled",
 "getterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@return
Specifies whether given log publishing option is enabled or not.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

```

```

 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Enabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Enabled",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "BOOLEAN",
 "name" : "Enabled",
 "setterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@param
enabled Specifies whether given log publishing option is enabled or not.",
 "setterMethodName" : "setEnabled",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getCloudWatchLogsLogGroupArn",
 "beanStyleSetterMethodName" : "setCloudWatchLogsLogGroupArn",
 "c2jName" : "CloudWatchLogsLogGroupArn",
 "c2jShape" : "CloudWatchLogsLogGroupArn",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property

```

for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #cloudWatchLogsLogGroupArn(String)}. \n\n@param cloudWatchLogsLogGroupArn a consumer that will call methods on { @link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #cloudWatchLogsLogGroupArn(String)",

```

 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "cloudWatchLogsLogGroupArn",
 "fluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this
object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property
for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "cloudWatchLogsLogGroupArn",
 "getterDocumentation" : "Returns the value of the CloudWatchLogsLogGroupArn property for this
object.\n\n@return The value of the CloudWatchLogsLogGroupArn property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CloudWatchLogsLogGroupArn",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CloudWatchLogsLogGroupArn",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",

```

```

"name" : "CloudWatchLogsLogGroupArn",
"setterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this
object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property
for this object.",
"setterMethodName" : "setCloudWatchLogsLogGroupArn",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "cloudWatchLogsLogGroupArn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "cloudWatchLogsLogGroupArn",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEnabled",
 "beanStyleSetterMethodName" : "setEnabled",
 "c2jName" : "Enabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled
or not.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param
enabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #enabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "enabled",
 "fluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled or
not.</p>\n@param enabled Specifies whether given log publishing option is enabled or not. \n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "enabled",
 "getterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@return

```

Specifies whether given log publishing option is enabled or not.",

```
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Enabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Enabled",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
```

"setterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>\n@param enabled Specifies whether given log publishing option is enabled or not.",

```
"setterMethodName" : "setEnabled",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
```

```

 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "LogPublishingOption",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "logPublishingOption",
 "variableType" : "LogPublishingOption",
 "documentation" : null,
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
},
"wrapper" : false
},
"LogPublishingOptionsStatus" : {
 "c2jName" : "LogPublishingOptionsStatus",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The configured log publishing options for the domain and their current status.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getOptionsAsStrings",

```



```

"beanStyleSetterMethodName" : "setOptionsWithStrings",
"c2jName" : "Options",
"c2jShape" : "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>The log publishing options configured for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via { @link
Map<String,LogPublishingOption>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,LogPublishingOption>.Builder#build()} is called immediately and its result is passed to { @link
#optionsAsStrings(Map<String,LogPublishingOption>)}.\n@param options a consumer that will call methods on
{ @link Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method
calls can be chained together.\n@see #optionsWithStrings(Map<String,LogPublishingOption>)",
"deprecated" : false,
"documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "options",
"fluentEnumSetterMethodName" : "options",
"fluentGetterMethodName" : "optionsAsStrings",
"fluentSetterDocumentation" : "<p>The log publishing options configured for the Elasticsearch
domain.</p>\n@param options The log publishing options configured for the Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "optionsWithStrings",
"getterDocumentation" : "<p>The log publishing options configured for the Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The log publishing options configured for the Elasticsearch
domain.",
"getterModel" : {
 "returnType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,

```

```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKeyAsString",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "LogType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : "LogType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "key",
 "fluentEnumSetterMethodName" : "key",
 "fluentGetterMethodName" : "keyAsString",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

```

```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "LogPublishingOption",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create

```

one manually via `{ @link LogPublishingOption#builder() }`.  
When the `{ @link Consumer }` completes, `{ @link LogPublishingOption.Builder#build() }` is called immediately and its result is passed to `{ @link #value(LogPublishingOption) }`.  
`@param value` a consumer that will call methods on `{ @link LogPublishingOption.Builder }`  
`@return` Returns a reference to this object so that method calls can be chained together.  
`@see #value(LogPublishingOption)`,

```
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.
@param value The new value for the Value property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.
@return The value of the Value property for this object.",
"getterModel" : {
 "returnType" : "LogPublishingOption",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
```

```

"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : null,
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : "",
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
},
"xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p>The log publishing options configured for the Elasticsearch
domain.</p>\n\n@param options The log publishing options configured for the Elasticsearch domain.",
"setterMethodName" : "setOptionsWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "options",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null,
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "options",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>",
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
}

```

```

 },
 "xmlNamespaceUri" : null
 }, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the log publishing options for the
Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>\nThis is a
convenience that creates an instance of the { @link OptionStatus.Builder } avoiding the need to create one manually
via { @link OptionStatus#builder() }. \n\nWhen the { @link Consumer } completes, { @link
OptionStatus.Builder#build() } is called immediately and its result is passed to { @link
#status(OptionStatus) }. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@return The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 }
}

```

```

 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "Options" : {
 "beanStyleGetterMethodName" : "getOptionsAsStrings",
 "beanStyleSetterMethodName" : "setOptionsWithStrings",
 "c2jName" : "Options",
 "c2jShape" : "LogPublishingOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The log publishing options configured for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link

```

Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}.  
 When the { @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately and its result is passed to { @link #optionsAsStrings(Map<String,LogPublishingOption>)}.  
 @param options a consumer that will call methods on { @link Map<String,LogPublishingOption>.Builder}  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see #optionsWithStrings(Map<String,LogPublishingOption>)",

```

 "deprecated" : false,
 "documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "options",
 "fluentEnumSetterMethodName" : "options",
 "fluentGetterMethodName" : "optionsAsStrings",
 "fluentSetterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>\n@param options The log publishing options configured for the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "optionsWithStrings",
 "getterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return The log publishing options configured for the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : true,

```



```

"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKeyAsString",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "LogType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : "LogType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "key",
 "fluentEnumSetterMethodName" : "key",
 "fluentGetterMethodName" : "keyAsString",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 }
}

```

```

 "unmarshallLocationName" : "key",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "LogPublishingOption",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the
need to create one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer}
completes, { @link LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(LogPublishingOption)",

```

```

 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "LogPublishingOption",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "LogPublishingOption",

```

```

 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : null,
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
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 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : "",
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>\n@param options The log publishing options configured for the Elasticsearch domain.",
"setterMethodName" : "setOptionsWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "options",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null,
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "options",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>",
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
},
"Status" : {
 "beanStyleGetterMethodName" : "getStatus",

```

```

"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of the log publishing options for the
Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>\nThis is a
convenience that creates an instance of the { @link OptionStatus.Builder } avoiding the need to create one manually
via { @link OptionStatus#builder() }. \n\nWhen the { @link Consumer } completes, { @link
OptionStatus.Builder#build() } is called immediately and its result is passed to { @link
#status(OptionStatus) }. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@return The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.",
"getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false

```

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 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getOptionsAsStrings",
 "beanStyleSetterMethodName" : "setOptionsWithStrings",
 "c2jName" : "Options",
 "c2jShape" : "LogPublishingOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The log publishing options configured for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via { @link
Map<String,LogPublishingOption>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Map<String,LogPublishingOption>.Builder#build()} is called immediately and its result is passed to { @link
#optionsAsStrings(Map<String,LogPublishingOption>)}. \n@param options a consumer that will call methods on

```

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{ @link Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method
calls can be chained together.\n@see #optionsWithStrings(Map<String,LogPublishingOption>)",
 "deprecated" : false,
 "documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "options",
 "fluentEnumSetterMethodName" : "options",
 "fluentGetterMethodName" : "optionsAsStrings",
 "fluentSetterDocumentation" : "<p>The log publishing options configured for the Elasticsearch
domain.</p>\n@param options The log publishing options configured for the Elasticsearch domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "optionsWithStrings",
 "getterDocumentation" : "<p>The log publishing options configured for the Elasticsearch
domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The log publishing options configured for the Elasticsearch
domain.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : true,
 "mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",

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```

"keyModel" : {
 "beanStyleGetterMethodName" : "getKeyAsString",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "LogType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : "LogType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "key",
 "fluentEnumSetterMethodName" : "key",
 "fluentGetterMethodName" : "keyAsString",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
 },
 "idempotencyToken" : false,

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 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "LogPublishingOption",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create
one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer} completes, { @link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #value(LogPublishingOption)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,

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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
"getterModel" : {
 "returnType" : "LogPublishingOption",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : null,
 "simpleType" : "LogPublishingOption",

```

```

 "variableSetterType" : "LogPublishingOption"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : "",
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>\n@param options The log publishing options configured for the Elasticsearch domain.",
"setterMethodName" : "setOptionsWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "options",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null,
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "options",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>",
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>\nThis is a

```

convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}.  
When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}.  
@param status a consumer that will call methods on { @link OptionStatus.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #status(OptionStatus)",

```
"deprecated" : false,
"documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@return The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.",
"getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
```

```

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>\n@param status The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's
included.",
"setterMethodName" : "setStatus",
"setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "LogPublishingOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "LogPublishingOptionsStatus",
 "variableName" : "logPublishingOptionsStatus",
 "variableType" : "LogPublishingOptionsStatus",
 "documentation" : null,
 "simpleType" : "LogPublishingOptionsStatus",
 "variableSetterType" : "LogPublishingOptionsStatus"
},

```

```

"wrapper" : false
},
"LogType" : {
 "c2jName" : "LogType",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Type of Log File, it can be one of the following: INDEX_SLOW_LOGS: Index
slow logs contain insert requests that took more time than configured index query log threshold to execute.
SEARCH_SLOW_LOGS: Search slow logs contain search queries that took more time than configured search
query log threshold to execute. ES_APPLICATION_LOGS: Elasticsearch application logs contain
information about errors and warnings raised during the operation of the service and can be useful for
troubleshooting. </p>",
 "enums" : [{
 "name" : "INDEX_SLOW_LOGS",
 "value" : "INDEX_SLOW_LOGS"
 }, {
 "name" : "SEARCH_SLOW_LOGS",
 "value" : "SEARCH_SLOW_LOGS"
 }, {
 "name" : "ES_APPLICATION_LOGS",
 "value" : "ES_APPLICATION_LOGS"
 }],
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [],
 "membersAsMap" : { },
 "nonStreamingMembers" : [],
 "requestSignerAware" : false,
 "requestSignerClassFqn" : null,
 "required" : null,
 "shapeName" : "LogType",
 "simpleMethod" : false,
 "unmarshaller" : {
 "flattened" : false,

```

```

 "resultWrapper" : null
 },
 "variable" : {
 "variableDeclarationType" : "LogType",
 "variableName" : "logType",
 "variableType" : "LogType",
 "documentation" : null,
 "simpleType" : "LogType",
 "variableSetterType" : "LogType"
 },
 "wrapper" : false
},
"NodeToNodeEncryptionOptions" : {
 "c2jName" : "NodeToNodeEncryptionOptions",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Specifies the node-to-node encryption options.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getEnabled",
 "beanStyleSetterMethodName" : "setEnabled",
 "c2jName" : "Enabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param enabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #enabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
 "enumType" : null,

```

```

"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@param enabled
Specify true to enable node-to-node encryption.\n@return Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@return Specify true to
enable node-to-node encryption.",
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Enabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Enabled",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@param enabled Specify
true to enable node-to-node encryption.",
"setterMethodName" : "setEnabled",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : null,

```



```

 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "Enabled" : {
 "beanStyleGetterMethodName" : "getEnabled",
 "beanStyleSetterMethodName" : "setEnabled",
 "c2jName" : "Enabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specify true to enable node-to-node
encryption.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need
to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param
enabled a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object
so that method calls can be chained together. \n@see #enabled(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "enabled",
 "fluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@param enabled
Specify true to enable node-to-node encryption. \n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "enabled",
 "getterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@return Specify true to
enable node-to-node encryption.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,

```

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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Enabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Enabled",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "BOOLEAN",
 "name" : "Enabled",
 "setterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@param enabled Specify
true to enable node-to-node encryption.",
 "setterMethodName" : "setEnabled",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getEnabled",

```

```

"beanStyleSetterMethodName" : "setEnabled",
"c2jName" : "Enabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>Specify true to enable node-to-node
encryption.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need
to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. \n@param
enabled a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #enabled(Boolean)",
"deprecated" : false,
"documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@param enabled
Specify true to enable node-to-node encryption.\n@return Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@return Specify true to
enable node-to-node encryption.",
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Enabled",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Enabled",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,

```

```

"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>\n@param enabled Specify
true to enable node-to-node encryption.",
"setterMethodName" : "setEnabled",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "enabled",
 "variableType" : "Boolean",
 "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,
"shapeName" : "NodeToNodeEncryptionOptions",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
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"variable" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "nodeToNodeEncryptionOptions",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : null,
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"wrapper" : false
},
"NodeToNodeEncryptionOptionsStatus" : {
 "c2jName" : "NodeToNodeEncryptionOptionsStatus",

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"customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
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"deprecated" : false,
"documentation" : "<p>Status of the node-to-node encryption options for the specified Elasticsearch
domain.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "NodeToNodeEncryptionOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the
specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link
NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(NodeToNodeEncryptionOptions)}. \n@param options a consumer that will call methods on { @link
NodeToNodeEncryptionOptions.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #options(NodeToNodeEncryptionOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@param options Specifies the node-to-node encryption options for the specified
Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch

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domain.</p>\n@return Specifies the node-to-node encryption options for the specified Elasticsearch domain.",

```
"getterModel" : {
 "returnType" : "NodeToNodeEncryptionOptions",
 "documentation" : null
```

```
},
```

```
"http" : {
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 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "Options",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "Options",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
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```
"listModel" : null,
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```
"map" : false,
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```
"mapModel" : null,
```

```
"marshallingType" : "SDK_POJO",
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```
"name" : "Options",
```

"setterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.",

```
"setterMethodName" : "setOptions",
```

```
"setterModel" : {
```

```
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
```

```
 "variableName" : "options",
```

```
 "variableType" : "NodeToNodeEncryptionOptions",
```

```
 "documentation" : null,
```

```
 "simpleType" : "NodeToNodeEncryptionOptions",
```

```
 "variableSetterType" : "NodeToNodeEncryptionOptions"
```

```
},
```

```
"simple" : false,
```

```
"timestampFormat" : null,
```

```
"variable" : {
```

```
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
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 "variableName" : "options",
```

```
 "variableType" : "NodeToNodeEncryptionOptions",
```

```

 "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch
domain.</p>",
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption
options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed
to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the node-to-node encryption options for the
specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,

```

```

 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "Options" : {
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "NodeToNodeEncryptionOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the

```



specified Elasticsearch domain.

This is a convenience that creates an instance of the `{ @link NodeToNodeEncryptionOptions.Builder }` avoiding the need to create one manually via `{ @link NodeToNodeEncryptionOptions#builder() }`.  
 When the `{ @link Consumer }` completes, `{ @link NodeToNodeEncryptionOptions.Builder#build() }` is called immediately and its result is passed to `{ @link #options(NodeToNodeEncryptionOptions) }`.  
 @param options a consumer that will call methods on `{ @link NodeToNodeEncryptionOptions.Builder }`  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see `#options(NodeToNodeEncryptionOptions)`,

```

 "deprecated" : false,
 "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@return Specifies the node-to-node encryption options for the specified Elasticsearch domain.",
 "getterModel" : {
 "return Type" : "NodeToNodeEncryptionOptions",
 "documentation" : null
 },
 "http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,

```

```

"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "options",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : null,
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "options",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>",
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNamespaceUri" : null
},
"Status" : {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}. \n\nWhen the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link #status(OptionStatus)}. \n@param status a consumer that will call methods on {@link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,

```

```

 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the
specified Elasticsearch domain.</p>\n@param status Specifies the status of the node-to-node encryption options for
the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the node-to-node encryption options for the
specified Elasticsearch domain.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",

```

```

 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "NodeToNodeEncryptionOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the
specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link
NodeToNodeEncryptionOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(NodeToNodeEncryptionOptions)}. \n@param options a consumer that will call methods on { @link
NodeToNodeEncryptionOptions.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #options(NodeToNodeEncryptionOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch
domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@param options Specifies the node-to-node encryption options for the specified
Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch
domain.</p>\n@return Specifies the node-to-node encryption options for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "NodeToNodeEncryptionOptions",
 "documentation" : null
 },
}
},

```

```

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "options",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : null,
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptions",
 "variableName" : "options",
 "variableType" : "NodeToNodeEncryptionOptions",
 "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>",
 "simpleType" : "NodeToNodeEncryptionOptions",
 "variableSetterType" : "NodeToNodeEncryptionOptions"
},

```

```

 "xmlNamespaceUri" : null
 }, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption
options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed
to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@param status Specifies the status of the node-to-node encryption options for the
specified Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>\n@return Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",

```

```

 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["Options", "Status"],
"shapeName" : "NodeToNodeEncryptionOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
 "variableName" : "nodeToNodeEncryptionOptionsStatus",

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 "variableType" : "NodeToNodeEncryptionOptionsStatus",
 "documentation" : null,
 "simpleType" : "NodeToNodeEncryptionOptionsStatus",
 "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
 },
 "wrapper" : false
},
"OptionState" : {
 "c2jName" : "OptionState",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The state of a requested change. One of the following:</p> Processing: The request change is still in-process. Active: The request change is processed and deployed to the Elasticsearch domain. ",
 "enums" : [{
 "name" : "REQUIRES_INDEX_DOCUMENTS",
 "value" : "RequiresIndexDocuments"
 }, {
 "name" : "PROCESSING",
 "value" : "Processing"
 }, {
 "name" : "ACTIVE",
 "value" : "Active"
 }],
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [],
 "membersAsMap" : { },
 "nonStreamingMembers" : [],
 "requestSignerAware" : false,
 "requestSignerClassFqcn" : null,
 "required" : null,
 "shapeName" : "OptionState",
 "simpleMethod" : false,

```



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"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "OptionState",
 "variableName" : "optionState",
 "variableType" : "OptionState",
 "documentation" : null,
 "simpleType" : "OptionState",
 "variableSetterType" : "OptionState"
},
"wrapper" : false
},
"OptionStatus" : {
 "c2jName" : "OptionStatus",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Provides the current status of the entity.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getCreationDate",
 "beanStyleSetterMethodName" : "setCreationDate",
 "c2jName" : "CreationDate",
 "c2jShape" : "UpdateTimestamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the
entity.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to
create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Instant.Builder#build()} is called immediately and its result is passed to { @link #creationDate(Instant)}. \n@param
creationDate a consumer that will call methods on { @link Instant.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #creationDate(Instant)",
 "deprecated" : false,

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"documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "creationDate",
"fluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@param
creationDate Timestamp which tells the creation date for the entity.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "creationDate",
"getterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@return Timestamp
which tells the creation date for the entity.",
"getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CreationDate",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CreationDate",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "CreationDate",
"setterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@param
creationDate Timestamp which tells the creation date for the entity.",
"setterMethodName" : "setCreationDate",
"setterModel" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "creationDate",

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 "variableType" : "java.time.Instant",
 "documentation" : null,
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "creationDate",
 "variableType" : "java.time.Instant",
 "documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
 },
 "xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpdateDate",
 "beanStyleSetterMethodName" : "setUpdateDate",
 "c2jName" : "UpdateDate",
 "c2jShape" : "UpdateTimestamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the
entity.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to
create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Instant.Builder#build()} is called immediately and its result is passed to { @link #updateDate(Instant)}. \n@param
updateDate a consumer that will call methods on { @link Instant.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #updateDate(Instant)",
 "deprecated" : false,
 "documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "updateDate",
 "fluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@param
updateDate Timestamp which tells the last updated time for the entity. \n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "updateDate",
 "getterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@return
Timestamp which tells the last updated time for the entity.",
 "getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,

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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpdateDate",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpdateDate",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INSTANT",
 "name" : "UpdateDate",
 "setterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@param
updateDate Timestamp which tells the last updated time for the entity.",
 "setterMethodName" : "setUpdateDate",
 "setterModel" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "updateDate",
 "variableType" : "java.time.Instant",
 "documentation" : null,
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "updateDate",
 "variableType" : "java.time.Instant",
 "documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpdateVersion",
 "beanStyleSetterMethodName" : "setUpdateVersion",
 "c2jName" : "UpdateVersion",

```

```

"c2jShape" : "UIntValue",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\nThis is a
convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via
{ @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called
immediately and its result is passed to { @link #updateVersion(Integer)}. \n@param updateVersion a consumer that
will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #updateVersion(Integer)",
"deprecated" : false,
"documentation" : "<p>Specifies the latest version for the entity.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateVersion",
"fluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@param updateVersion
Specifies the latest version for the entity.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "updateVersion",
"getterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@return Specifies the latest
version for the entity.",
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpdateVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpdateVersion",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,

```

```

"marshallingType" : "INTEGER",
"name" : "UpdateVersion",
"setterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@param updateVersion Specifies
the latest version for the entity.",
"setterMethodName" : "setUpdateVersion",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "updateVersion",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "updateVersion",
 "variableType" : "Integer",
 "documentation" : "<p>Specifies the latest version for the entity.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStateAsString",
 "beanStyleSetterMethodName" : "setState",
 "c2jName" : "State",
 "c2jShape" : "OptionState",
 "defaultConsumerFluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #stateAsString(String)}. \n@param
state a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #state(String)",
 "deprecated" : false,
 "documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
 "enumType" : "OptionState",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "state",
 "fluentEnumSetterMethodName" : "state",
 "fluentGetterMethodName" : "stateAsString",
 "fluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n@param state Provides the <code>OptionState</code> for the Elasticsearch domain. \n@see
OptionState \n@return Returns a reference to this object so that method calls can be chained together. \n@see
OptionState",
 "fluentSetterMethodName" : "state",

```

"getterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #state} will return { @link OptionState#UNKNOWN\_TO\_SDK\_VERSION}. The raw value returned by the service is available from { @link #stateAsString}.</p>\n@return Provides the <code>OptionState</code> for the Elasticsearch domain.\n@see OptionState",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "State",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "State",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
```

"setterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>\n@param state Provides the <code>OptionState</code> for the Elasticsearch domain.\n@see OptionState",

```
"setterMethodName" : "setState",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "state",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
```

```

"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "state",
 "variableType" : "String",
 "documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getPendingDeletion",
 "beanStyleSetterMethodName" : "setPendingDeletion",
 "c2jName" : "PendingDeletion",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being
deleted.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link
#pendingDeletion(Boolean)}. \n@param pendingDeletion a consumer that will call methods on { @link
Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#pendingDeletion(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "pendingDeletion",
 "fluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@param
pendingDeletion Indicates whether the Elasticsearch domain is being deleted. \n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "pendingDeletion",
 "getterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@return
Indicates whether the Elasticsearch domain is being deleted.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,

```



```

"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "PendingDeletion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "PendingDeletion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PendingDeletion",
"setterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@param
pendingDeletion Indicates whether the Elasticsearch domain is being deleted.",
"setterMethodName" : "setPendingDeletion",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "pendingDeletion",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "pendingDeletion",
 "variableType" : "Boolean",
 "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "CreationDate" : {
 "beanStyleGetterMethodName" : "getCreationDate",
 "beanStyleSetterMethodName" : "setCreationDate",
 "c2jName" : "CreationDate",
 "c2jShape" : "UpdateTimestamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the
entity.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to
create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link

```

Instant.Builder#build()) is called immediately and its result is passed to { @link #creationDate(Instant)}.  
@param creationDate a consumer that will call methods on { @link Instant.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #creationDate(Instant)",

```
"deprecated" : false,
"documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "creationDate",
"fluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@param
creationDate Timestamp which tells the creation date for the entity.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "creationDate",
"getterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@return Timestamp
which tells the creation date for the entity.",
"getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CreationDate",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CreationDate",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "CreationDate",
"setterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@param
creationDate Timestamp which tells the creation date for the entity.",
```

```

"setterMethodName" : "setCreationDate",
"setterModel" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "creationDate",
 "variableType" : "java.time.Instant",
 "documentation" : null,
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "creationDate",
 "variableType" : "java.time.Instant",
 "documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
},
"PendingDeletion" : {
 "beanStyleGetterMethodName" : "getPendingDeletion",
 "beanStyleSetterMethodName" : "setPendingDeletion",
 "c2jName" : "PendingDeletion",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being
deleted.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link
#pendingDeletion(Boolean)}. \n@param pendingDeletion a consumer that will call methods on { @link
Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#pendingDeletion(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "pendingDeletion",
 "fluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being
deleted.</p>\n@param pendingDeletion Indicates whether the Elasticsearch domain is being deleted. \n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "pendingDeletion",
 "getterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@return
Indicates whether the Elasticsearch domain is being deleted.",
 "getterModel" : {

```

```

 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "PendingDeletion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "PendingDeletion",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "BOOLEAN",
 "name" : "PendingDeletion",
 "setterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@param
pendingDeletion Indicates whether the Elasticsearch domain is being deleted.",
 "setterMethodName" : "setPendingDeletion",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "pendingDeletion",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "pendingDeletion",
 "variableType" : "Boolean",
 "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 }

```

```

 },
 "xmlNamespaceUri" : null
 },
 "State" : {
 "beanStyleGetterMethodName" : "getStateAsString",
 "beanStyleSetterMethodName" : "setState",
 "c2jName" : "State",
 "c2jShape" : "OptionState",
 "defaultConsumerFluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #stateAsString(String)}. \n@param
state a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #state(String)",
 "deprecated" : false,
 "documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
 "enumType" : "OptionState",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "state",
 "fluentEnumSetterMethodName" : "state",
 "fluentGetterMethodName" : "stateAsString",
 "fluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n@param state Provides the <code>OptionState</code> for the Elasticsearch domain.\n@see
OptionState\n@return Returns a reference to this object so that method calls can be chained together.\n@see
OptionState",
 "fluentSetterMethodName" : "state",
 "getterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#state} will return { @link OptionState#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service
is available from { @link #stateAsString}. \n</p>\n@return Provides the <code>OptionState</code> for the
Elasticsearch domain.\n@see OptionState",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "State",
 "queryString" : false,

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 "statusCode" : false,
 "unmarshallLocationName" : "State",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "State",
 "setterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n@param state Provides the <code>OptionState</code> for the Elasticsearch domain.\n@see
OptionState",
 "setterMethodName" : "setState",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "state",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "state",
 "variableType" : "String",
 "documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"updateDate" : {
 "beanStyleGetterMethodName" : "getUpdateDate",
 "beanStyleSetterMethodName" : "setUpdateDate",
 "c2jName" : "UpdateDate",
 "c2jShape" : "UpdateTimestamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the
entity.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to
create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Instant.Builder#build()} is called immediately and its result is passed to { @link #updateDate(Instant)}. \n@param
updateDate a consumer that will call methods on { @link Instant.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #updateDate(Instant)",

```

```

"deprecated" : false,
"documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateDate",
"fluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@param
updateDate Timestamp which tells the last updated time for the entity.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "updateDate",
"getterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@return
Timestamp which tells the last updated time for the entity.",
"getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpdateDate",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpdateDate",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "UpdateDate",
"setterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@param
updateDate Timestamp which tells the last updated time for the entity.",
"setterMethodName" : "setUpdateDate",
"setterModel" : {
 "variableDeclarationType" : "java.time.Instant",

```

```

 "variableName" : "updateDate",
 "variableType" : "java.time.Instant",
 "documentation" : null,
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "updateDate",
 "variableType" : "java.time.Instant",
 "documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
 },
 "xmlNamespaceUri" : null
},
"UpdateVersion" : {
 "beanStyleGetterMethodName" : "getUpdateVersion",
 "beanStyleSetterMethodName" : "setUpdateVersion",
 "c2jName" : "UpdateVersion",
 "c2jShape" : "UIntValue",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #updateVersion(Integer)}. \n@param updateVersion a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #updateVersion(Integer)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the latest version for the entity.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "updateVersion",
 "fluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@param updateVersion Specifies the latest version for the entity.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "updateVersion",
 "getterDocumentation" : "<p>\nSpecifies the latest version for the entity.</p>\n@return Specifies the latest version for the entity.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 },
 "http" : {

```



```

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpdateVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpdateVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "UpdateVersion",
"setterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@param updateVersion Specifies
the latest version for the entity.",
"setterMethodName" : "setUpdateVersion",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "updateVersion",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "updateVersion",
 "variableType" : "Integer",
 "documentation" : "<p>Specifies the latest version for the entity.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}
},

```

```

"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getCreationDate",
 "beanStyleSetterMethodName" : "setCreationDate",
 "c2jName" : "CreationDate",
 "c2jShape" : "UpdateTimestamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the
entity.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to
create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Instant.Builder#build()} is called immediately and its result is passed to { @link #creationDate(Instant)}. \n@param
creationDate a consumer that will call methods on { @link Instant.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #creationDate(Instant)",
 "deprecated" : false,
 "documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "creationDate",
 "fluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@param
creationDate Timestamp which tells the creation date for the entity. \n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "creationDate",
 "getterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@return Timestamp
which tells the creation date for the entity.",
 "getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CreationDate",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CreationDate",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,

```

```

"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "CreationDate",
"setterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>\n@param
creationDate Timestamp which tells the creation date for the entity.",
"setterMethodName" : "setCreationDate",
"setterModel" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "creationDate",
 "variableType" : "java.time.Instant",
 "documentation" : null,
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "creationDate",
 "variableType" : "java.time.Instant",
 "documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpdateDate",
 "beanStyleSetterMethodName" : "setUpdateDate",
 "c2jName" : "UpdateDate",
 "c2jShape" : "UpdateTimestamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the
entity.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to
create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Instant.Builder#build()} is called immediately and its result is passed to { @link #updateDate(Instant)}. \n@param
updateDate a consumer that will call methods on { @link Instant.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #updateDate(Instant)",
 "deprecated" : false,
 "documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "updateDate",
 "fluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@param

```

updateDate Timestamp which tells the last updated time for the entity.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "updateDate",
```

```
"getterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@return
Timestamp which tells the last updated time for the entity.",
```

```
"getterModel" : {
```

```
 "returnType" : "java.time.Instant",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "UpdateDate",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "UpdateDate",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
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```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "INSTANT",
```

```
"name" : "UpdateDate",
```

```
"setterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>\n@param
updateDate Timestamp which tells the last updated time for the entity.",
```

```
"setterMethodName" : "setUpdateDate",
```

```
"setterModel" : {
```

```
 "variableDeclarationType" : "java.time.Instant",
```

```
 "variableName" : "updateDate",
```

```
 "variableType" : "java.time.Instant",
```

```
 "documentation" : null,
```

```
 "simpleType" : "Instant",
```

```
 "variableSetterType" : "java.time.Instant"
```

```
},
```

```
"simple" : true,
```

```
"timestampFormat" : null,
```

```
"variable" : {
```

```

"variableDeclarationType" : "java.time.Instant",
"variableName" : "updateDate",
"variableType" : "java.time.Instant",
"documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
"simpleType" : "Instant",
"variableSetterType" : "java.time.Instant"
},
"xmlNameSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getUpdateVersion",
"beanStyleSetterMethodName" : "setUpdateVersion",
"c2jName" : "UpdateVersion",
"c2jShape" : "UIntValue",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\nThis is a
convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via
{ @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called
immediately and its result is passed to { @link #updateVersion(Integer)}. \n@param updateVersion a consumer that
will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be
chained together. \n@see #updateVersion(Integer)",
"deprecated" : false,
"documentation" : "<p>Specifies the latest version for the entity.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateVersion",
"fluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@param updateVersion
Specifies the latest version for the entity.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "updateVersion",
"getterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@return Specifies the latest
version for the entity.",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpdateVersion",

```

```

 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpdateVersion",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "UpdateVersion",
 "setterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@param updateVersion Specifies
the latest version for the entity.",
 "setterMethodName" : "setUpdateVersion",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "updateVersion",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "updateVersion",
 "variableType" : "Integer",
 "documentation" : "<p>Specifies the latest version for the entity.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStateAsString",
 "beanStyleSetterMethodName" : "setState",
 "c2jName" : "State",
 "c2jShape" : "OptionState",
 "defaultConsumerFluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #stateAsString(String)}. \n@param
state a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #state(String)",
 "deprecated" : false,

```

```

"documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
"enumType" : "OptionState",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "state",
"fluentEnumSetterMethodName" : "state",
"fluentGetterMethodName" : "stateAsString",
"fluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n@param state Provides the <code>OptionState</code> for the Elasticsearch domain.\n@see
OptionState\n@return Returns a reference to this object so that method calls can be chained together.\n@see
OptionState",
"fluentSetterMethodName" : "state",
"getterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#state} will return { @link OptionState#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service
is available from { @link #stateAsString}.\n</p>\n@return Provides the <code>OptionState</code> for the
Elasticsearch domain.\n@see OptionState",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "State",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "State",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"setterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch
domain.</p>\n@param state Provides the <code>OptionState</code> for the Elasticsearch domain.\n@see

```

```

OptionState",
 "setterMethodName" : "setState",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "state",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "state",
 "variableType" : "String",
 "documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getPendingDeletion",
 "beanStyleSetterMethodName" : "setPendingDeletion",
 "c2jName" : "PendingDeletion",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being
deleted.</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link
#pendingDeletion(Boolean)}. \n@param pendingDeletion a consumer that will call methods on { @link
Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#pendingDeletion(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "pendingDeletion",
 "fluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@param
pendingDeletion Indicates whether the Elasticsearch domain is being deleted. \n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "pendingDeletion",
 "getterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@return
Indicates whether the Elasticsearch domain is being deleted.",
 "getterModel" : {

```



```

 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "PendingDeletion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "PendingDeletion",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "BOOLEAN",
 "name" : "PendingDeletion",
 "setterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>\n@param
pendingDeletion Indicates whether the Elasticsearch domain is being deleted.",
 "setterMethodName" : "setPendingDeletion",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "pendingDeletion",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "pendingDeletion",
 "variableType" : "Boolean",
 "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 }

```

```

 },
 "xmlNamespaceUri" : null
 }],
 "requestSignerAware" : false,
 "requestSignerClassFqcn" : null,
 "required" : ["CreationDate", "UpdateDate", "State"],
 "shapeName" : "OptionStatus",
 "simpleMethod" : false,
 "unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
 },
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "optionStatus",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "wrapper" : false
},
"PurchaseReservedElasticsearchInstanceOfferingRequest" : {
 "c2jName" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Container for parameters to
<code>PurchaseReservedElasticsearchInstanceOffering</code></p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "PurchaseReservedElasticsearchInstanceOffering",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/purchaseReservedInstanceOffering",

```

```

"target" : null,
"verb" : "POST",
"xmlNamespaceUri" : null
},
"members" : [{
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "c2jName" : "ReservedElasticsearchInstanceOfferingId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstanceOfferingId(String)",
 "deprecated" : false,
 "documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "fluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\n@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "getterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\n@return The ID of the reserved Elasticsearch instance offering to purchase.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",

```

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 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservedElasticsearchInstanceOfferingId",
 "setterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\n@param
reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.",
 "setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getReservationName",
 "beanStyleSetterMethodName" : "setReservationName",
 "c2jName" : "ReservationName",
 "c2jShape" : "ReservationToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>A customer-specified identifier to track this
reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#reservationName(String)",
 "deprecated" : false,
 "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
 "enumType" : null,

```

```

"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservationName",
"fluentSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@param
reservationName A customer-specified identifier to track this reservation.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservationName",
"getterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@return A
customer-specified identifier to track this reservation.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservationName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservationName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@param
reservationName A customer-specified identifier to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : null,

```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getInstanceCount",
 "beanStyleSetterMethodName" : "setInstanceCount",
 "c2jName" : "InstanceCount",
 "c2jShape" : "InstanceCount",
 "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances to
reserve.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#instanceCount(Integer)}. \n@param instanceCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#instanceCount(Integer)",
 "deprecated" : false,
 "documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "instanceCount",
 "fluentSetterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@param
instanceCount The number of Elasticsearch instances to reserve.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "instanceCount",
 "getterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@return The number of
Elasticsearch instances to reserve.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```

```

 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "InstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceCount",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "InstanceCount",
 "setterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@param instanceCount
The number of Elasticsearch instances to reserve.",
 "setterMethodName" : "setInstanceCount",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "instanceCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "instanceCount",
 "variableType" : "Integer",
 "documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "InstanceCount" : {
 "beanStyleGetterMethodName" : "getInstanceCount",
 "beanStyleSetterMethodName" : "setInstanceCount",

```

```

 "c2jName" : "InstanceCount",
 "c2jShape" : "InstanceCount",
 "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances to
reserve.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#instanceCount(Integer)}. \n@param instanceCount a consumer that will call methods on { @link
Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#instanceCount(Integer)",
 "deprecated" : false,
 "documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "instanceCount",
 "fluentSetterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@param
instanceCount The number of Elasticsearch instances to reserve. \n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "instanceCount",
 "getterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@return The number of
Elasticsearch instances to reserve.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "InstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceCount",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,

```



```

"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "InstanceCount",
"setterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@param instanceCount
The number of Elasticsearch instances to reserve.",
"setterMethodName" : "setInstanceCount",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "instanceCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "instanceCount",
 "variableType" : "Integer",
 "documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"ReservationName" : {
 "beanStyleGetterMethodName" : "getReservationName",
 "beanStyleSetterMethodName" : "setReservationName",
 "c2jName" : "ReservationName",
 "c2jShape" : "ReservationToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>A customer-specified identifier to track this
reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#reservationName(String)",
 "deprecated" : false,
 "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservationName",
 "fluentSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@param

```

reservationName A customer-specified identifier to track this reservation.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "reservationName",
```

"getterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@return A customer-specified identifier to track this reservation.",

```
"getterModel" : {
```

```
 "returnType" : "String",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "ReservationName",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "ReservationName",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "ReservationName",
```

"setterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@param reservationName A customer-specified identifier to track this reservation.",

```
"setterMethodName" : "setReservationName",
```

```
"setterModel" : {
```

```
 "variableDeclarationType" : "String",
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```
 "variableName" : "reservationName",
```

```
 "variableType" : "String",
```

```
 "documentation" : null,
```

```
 "simpleType" : "String",
```

```
 "variableSetterType" : "String"
```

```
},
```

```
"simple" : true,
```

```
"timestampFormat" : null,
```

```
"variable" : {
```

```

 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "c2jName" : "ReservedElasticsearchInstanceOfferingId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceOfferingId(String)",
 "deprecated" : false,
 "documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "fluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\n@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "getterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\n@return The ID of the reserved Elasticsearch instance offering to purchase.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,

```

```

"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to
purchase.</p>\n@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance
offering to purchase.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "c2jName" : "ReservedElasticsearchInstanceOfferingId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to
purchase.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to

```

create one manually via `{ @link String#builder()}.  
 When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}.  
 @param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder}  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see #reservedElasticsearchInstanceOfferingId(String)",`

```

 "deprecated" : false,
 "documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "fluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to
 purchase.</p>\n@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance
 offering to purchase.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "getterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\n@return
 The ID of the reserved Elasticsearch instance offering to purchase.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservedElasticsearchInstanceOfferingId",

```

```

"setterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\n@param
reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getReservationName",
 "beanStyleSetterMethodName" : "setReservationName",
 "c2jName" : "ReservationName",
 "c2jShape" : "ReservationToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>A customer-specified identifier to track this
reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#reservationName(String)",
 "deprecated" : false,
 "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservationName",
 "fluentSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@param
reservationName A customer-specified identifier to track this reservation.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservationName",
 "getterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@return A
customer-specified identifier to track this reservation.",

```

```

"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservationName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservationName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>\n@param
reservationName A customer-specified identifier to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
 "simpleType" : "String",

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 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getInstanceCount",
 "beanStyleSetterMethodName" : "setInstanceCount",
 "c2jName" : "InstanceCount",
 "c2jShape" : "InstanceCount",
 "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances to
reserve.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#instanceCount(Integer)}. \n@param instanceCount a consumer that will call methods on { @link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#instanceCount(Integer)",
 "deprecated" : false,
 "documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "instanceCount",
 "fluentSetterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@param
instanceCount The number of Elasticsearch instances to reserve.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "instanceCount",
 "getterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@return The number of
Elasticsearch instances to reserve.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "InstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceCount",
 "uri" : false
 }
}

```



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 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "InstanceCount",
 "setterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@param instanceCount
The number of Elasticsearch instances to reserve.",
 "setterMethodName" : "setInstanceCount",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "instanceCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "instanceCount",
 "variableType" : "Integer",
 "documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : ["ReservedElasticsearchInstanceOfferingId", "ReservationName"],
"shapeName" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
 "variableName" : "purchaseReservedElasticsearchInstanceOfferingRequest",
 "variableType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
 "documentation" : null,
 "simpleType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
 "variableSetterType" : "PurchaseReservedElasticsearchInstanceOfferingRequest"
},
"wrapper" : false

```

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},
"PurchaseReservedElasticsearchInstanceOfferingResponse" : {
 "c2jName" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Represents the output of a
<code>PurchaseReservedElasticsearchInstanceOffering</code> operation.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
 "c2jName" : "ReservedElasticsearchInstanceId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was
purchased.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservedElasticsearchInstanceId(String)}. \n@param reservedElasticsearchInstanceId a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #reservedElasticsearchInstanceId(String)",
 "deprecated" : false,
 "documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceId",
 "fluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was
purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was
purchased. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceId",

```

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"getterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was
purchased.</p>\n@return Details of the reserved Elasticsearch instance which was purchased.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was
purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was
purchased.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",

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 "variableType" : "String",
 "documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getReservationName",
 "beanStyleSetterMethodName" : "setReservationName",
 "c2jName" : "ReservationName",
 "c2jShape" : "ReservationToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservationName(String)",
 "deprecated" : false,
 "documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservationName",
 "fluentSetterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@param reservationName The customer-specified identifier used to track this reservation.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservationName",
 "getterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@return The customer-specified identifier used to track this reservation.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservationName",
 "queryString" : false,

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 "statusCode" : false,
 "unmarshallLocationName" : "ReservationName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservationName",
 "setterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@param
reservationName The customer-specified identifier used to track this reservation.",
 "setterMethodName" : "setReservationName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNameSpaceUri" : null
}],
"membersAsMap" : {
 "ReservationName" : {
 "beanStyleGetterMethodName" : "getReservationName",
 "beanStyleSetterMethodName" : "setReservationName",
 "c2jName" : "ReservationName",
 "c2jShape" : "ReservationToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier used to track this
reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see

```

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#reservationName(String)",
 "deprecated" : false,
 "documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservationName",
 "fluentSetterDocumentation" : "<p>The customer-specified identifier used to track this
reservation.</p>\n@param reservationName The customer-specified identifier used to track this
reservation.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservationName",
 "getterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@return
The customer-specified identifier used to track this reservation.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservationName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservationName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservationName",
 "setterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@param
reservationName The customer-specified identifier used to track this reservation.",
 "setterMethodName" : "setReservationName",
 "setterModel" : {

```

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"variableDeclarationType" : "String",
"variableName" : "reservationName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "reservationName",
"variableType" : "String",
"documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceId" : {
"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
"c2jName" : "ReservedElasticsearchInstanceId",
"c2jShape" : "GUID",
"defaultConsumerFluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}. \n@param reservedElasticsearchInstanceId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceId(String)",
"deprecated" : false,
"documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceId",
"getterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\n@return Details of the reserved Elasticsearch instance which was purchased.",
"getterModel" : {
"returnType" : "String",
"documentation" : null

```

```

},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was
purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was
purchased.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},

```



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 "xmlNamespaceUri" : null
 }
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
 "c2jName" : "ReservedElasticsearchInstanceId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}. \n@param reservedElasticsearchInstanceId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceId(String)",
 "deprecated" : false,
 "documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceId",
 "fluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceId",
 "getterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\n@return Details of the reserved Elasticsearch instance which was purchased.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceId",
 "uri" : false
}

```

```

 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservedElasticsearchInstanceId",
 "setterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was
purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was
purchased.",
 "setterMethodName" : "setReservedElasticsearchInstanceId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getReservationName",
 "beanStyleSetterMethodName" : "setReservationName",
 "c2jName" : "ReservationName",
 "c2jShape" : "ReservationToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier used to track this
reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#reservationName(String)",
 "deprecated" : false,
 "documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
 "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservationName",
"fluentSetterDocumentation" : "<p>The customer-specified identifier used to track this
reservation.</p>\n@param reservationName The customer-specified identifier used to track this
reservation.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservationName",
"getterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@return
The customer-specified identifier used to track this reservation.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservationName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservationName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@param
reservationName The customer-specified identifier used to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : null,

```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
 "variableName" : "purchaseReservedElasticsearchInstanceOfferingResponse",
 "variableType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
 "documentation" : null,
 "simpleType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
 "variableSetterType" : "PurchaseReservedElasticsearchInstanceOfferingResponse"
},
"wrapper" : false
},
"RecurringCharge" : {
 "c2jName" : "RecurringCharge",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Contains the specific price and frequency of a recurring charges for a reserved Elasticsearch instance, or for a reserved Elasticsearch instance offering.</p>",
 "enums" : null,
 "errorCode" : null,

```

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"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getRecurringChargeAmount",
 "beanStyleSetterMethodName" : "setRecurringChargeAmount",
 "c2jName" : "RecurringChargeAmount",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\nThis
is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually
via { @link Double#builder()}. \n\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is
called immediately and its result is passed to { @link #recurringChargeAmount(Double)}. \n@param
recurringChargeAmount a consumer that will call methods on { @link Double.Builder}\n@return Returns a
reference to this object so that method calls can be chained together.\n@see #recurringChargeAmount(Double)",
 "deprecated" : false,
 "documentation" : "<p>The monetary amount of the recurring charge.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "recurringChargeAmount",
 "fluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@param
recurringChargeAmount The monetary amount of the recurring charge.\n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "recurringChargeAmount",
 "getterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@return The monetary
amount of the recurring charge.",
 "getterModel" : {
 "returnType" : "Double",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",

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 "marshallLocationName" : "RecurringChargeAmount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RecurringChargeAmount",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "DOUBLE",
 "name" : "RecurringChargeAmount",
 "setterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@param
recurringChargeAmount The monetary amount of the recurring charge.",
 "setterMethodName" : "setRecurringChargeAmount",
 "setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "recurringChargeAmount",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "recurringChargeAmount",
 "variableType" : "Double",
 "documentation" : "<p>The monetary amount of the recurring charge.</p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getRecurringChargeFrequency",
 "beanStyleSetterMethodName" : "setRecurringChargeFrequency",
 "c2jName" : "RecurringChargeFrequency",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #recurringChargeFrequency(String)}. \n@param
recurringChargeFrequency a consumer that will call methods on { @link String.Builder}\n@return Returns a
reference to this object so that method calls can be chained together. \n@see #recurringChargeFrequency(String)",

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"deprecated" : false,
"documentation" : "<p>The frequency of the recurring charge.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringChargeFrequency",
"fluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@param
recurringChargeFrequency The frequency of the recurring charge.\n@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "recurringChargeFrequency",
"getterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@return The frequency of the
recurring charge.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RecurringChargeFrequency",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RecurringChargeFrequency",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "RecurringChargeFrequency",
"setterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@param recurringChargeFrequency
The frequency of the recurring charge.",
"setterMethodName" : "setRecurringChargeFrequency",
"setterModel" : {
 "variableDeclarationType" : "String",

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 "variableName" : "recurringChargeFrequency",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "recurringChargeFrequency",
 "variableType" : "String",
 "documentation" : "<p>The frequency of the recurring charge.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "RecurringChargeAmount" : {
 "beanStyleGetterMethodName" : "getRecurringChargeAmount",
 "beanStyleSetterMethodName" : "setRecurringChargeAmount",
 "c2jName" : "RecurringChargeAmount",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\nThis
is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually
via { @link Double#builder()}. \n\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is
called immediately and its result is passed to { @link #recurringChargeAmount(Double)}. \n@param
recurringChargeAmount a consumer that will call methods on { @link Double.Builder} \n@return Returns a
reference to this object so that method calls can be chained together. \n@see #recurringChargeAmount(Double)",
 "deprecated" : false,
 "documentation" : "<p>The monetary amount of the recurring charge.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "recurringChargeAmount",
 "fluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@param
recurringChargeAmount The monetary amount of the recurring charge. \n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "recurringChargeAmount",
 "getterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@return The monetary
amount of the recurring charge.",
 "getterModel" : {
 "returnType" : "Double",
 "documentation" : null
 }
 },

```



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"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RecurringChargeAmount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RecurringChargeAmount",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "RecurringChargeAmount",
"setterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@param
recurringChargeAmount The monetary amount of the recurring charge.",
"setterMethodName" : "setRecurringChargeAmount",
"setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "recurringChargeAmount",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "recurringChargeAmount",
 "variableType" : "Double",
 "documentation" : "<p>The monetary amount of the recurring charge.</p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"xmlNamespaceUri" : null
},

```

```

"RecurringChargeFrequency" : {
 "beanStyleGetterMethodName" : "getRecurringChargeFrequency",
 "beanStyleSetterMethodName" : "setRecurringChargeFrequency",
 "c2jName" : "RecurringChargeFrequency",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #recurringChargeFrequency(String)}. \n@param
recurringChargeFrequency a consumer that will call methods on { @link String.Builder} \n@return Returns a
reference to this object so that method calls can be chained together. \n@see #recurringChargeFrequency(String)",
 "deprecated" : false,
 "documentation" : "<p>The frequency of the recurring charge.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "recurringChargeFrequency",
 "fluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@param
recurringChargeFrequency The frequency of the recurring charge. \n@return Returns a reference to this object so
that method calls can be chained together.",
 "fluentSetterMethodName" : "recurringChargeFrequency",
 "getterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@return The frequency of the
recurring charge.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RecurringChargeFrequency",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RecurringChargeFrequency",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,

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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "RecurringChargeFrequency",
"setterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@param recurringChargeFrequency
The frequency of the recurring charge.",
"setterMethodName" : "setRecurringChargeFrequency",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "recurringChargeFrequency",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "recurringChargeFrequency",
 "variableType" : "String",
 "documentation" : "<p>The frequency of the recurring charge.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getRecurringChargeAmount",
 "beanStyleSetterMethodName" : "setRecurringChargeAmount",
 "c2jName" : "RecurringChargeAmount",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\nThis
is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually
via { @link Double#builder()}. \n\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is
called immediately and its result is passed to { @link #recurringChargeAmount(Double)}. \n@param
recurringChargeAmount a consumer that will call methods on { @link Double.Builder} \n@return Returns a
reference to this object so that method calls can be chained together. \n@see #recurringChargeAmount(Double)",
 "deprecated" : false,
 "documentation" : "<p>The monetary amount of the recurring charge.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,

```

```

 "fluentGetterMethodName" : "recurringChargeAmount",
 "fluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@param
recurringChargeAmount The monetary amount of the recurring charge.\n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "recurringChargeAmount",
 "getterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@return The monetary
amount of the recurring charge.",
 "getterModel" : {
 "returnType" : "Double",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RecurringChargeAmount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RecurringChargeAmount",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "DOUBLE",
 "name" : "RecurringChargeAmount",
 "setterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@param
recurringChargeAmount The monetary amount of the recurring charge.",
 "setterMethodName" : "setRecurringChargeAmount",
 "setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "recurringChargeAmount",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "simple" : true,

```

```

"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "recurringChargeAmount",
 "variableType" : "Double",
 "documentation" : "<p>The monetary amount of the recurring charge.</p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getRecurringChargeFrequency",
 "beanStyleSetterMethodName" : "setRecurringChargeFrequency",
 "c2jName" : "RecurringChargeFrequency",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #recurringChargeFrequency(String)}. \n@param recurringChargeFrequency a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #recurringChargeFrequency(String)",
 "deprecated" : false,
 "documentation" : "<p>The frequency of the recurring charge.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "recurringChargeFrequency",
 "fluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@param recurringChargeFrequency The frequency of the recurring charge. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "recurringChargeFrequency",
 "getterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@return The frequency of the recurring charge.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,

```

```

 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RecurringChargeFrequency",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RecurringChargeFrequency",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "RecurringChargeFrequency",
 "setterDocumentation" : "<p>The frequency of the recurring charge.</p>\n@param recurringChargeFrequency
The frequency of the recurring charge.",
 "setterMethodName" : "setRecurringChargeFrequency",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "recurringChargeFrequency",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "recurringChargeFrequency",
 "variableType" : "String",
 "documentation" : "<p>The frequency of the recurring charge.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "RecurringCharge",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},

```

```

"variable" : {
 "variableDeclarationType" : "RecurringCharge",
 "variableName" : "recurringCharge",
 "variableType" : "RecurringCharge",
 "documentation" : null,
 "simpleType" : "RecurringCharge",
 "variableSetterType" : "RecurringCharge"
},
"wrapper" : false
},
"RemoveTagsRequest" : {
 "c2jName" : "RemoveTagsRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Container for the parameters to the <code><a>RemoveTags</code> operation. Specify the <code>ARN</code> for the Elasticsearch domain from which you want to remove the specified <code>TagKey</code>.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "RemoveTags",
 "locationName" : null,
 "requestUri" : "/2015-01-01/tags-removal",
 "target" : null,
 "verb" : "POST",
 "xmlNamespaceUri" : null
 },
 "members" : [{
 "beanStyleGetterMethodName" : "getArn",
 "beanStyleSetterMethodName" : "setArn",
 "c2jName" : "ARN",
 "c2jShape" : "ARN",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>\nThis is a convenience that creates an instance of the

```

{ @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.  
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}.  
@param arn a consumer that will call methods on { @link String.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #arn(String)",

"deprecated" : false,  
"documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "arn",

"fluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>  
@param arn Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.  
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "arn",

"getterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>  
@return Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.",

"getterModel" : {  
"returnType" : "String",  
"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "ARN",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "ARN",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,



```

"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you
want to delete the specified tags.</p>\n@param arn Specifies the <code>ARN</code> for the Elasticsearch domain
from which you want to delete the specified tags.",
"setterMethodName" : "setArn",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want
to delete the specified tags.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getTagKeys",
 "beanStyleSetterMethodName" : "setTagKeys",
 "c2jName" : "TagKeys",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want
to remove from the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #tagKeys(List<String>)}. \n@param tagKeys a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #tagKeys(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "tagKeys",
 "fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from

```

the Elasticsearch domain.

`@param tagKeys` Specifies the `TagKey` list which you want to remove from the Elasticsearch domain.

`@return` Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "tagKeys",
```

`@getterDocumentation` : "

Specifies the `TagKey` list which you want to remove from the Elasticsearch domain.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

`@return` Specifies the `TagKey` list which you want to remove from the Elasticsearch domain."

```
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
```

```
},
```

```
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TagKeys",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TagKeys",
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : true,
```

```
"listModel" : {
```

```
 "implType" : "java.util.ArrayList",
```

```
 "interfaceType" : "java.util.List",
```

```
 "listMemberModel" : {
```

```
 "beanStyleGetterMethodName" : "getMember",
```

```
 "beanStyleSetterMethodName" : "setMember",
```

```
 "c2jName" : "member",
```

```
 "c2jShape" : "String",
```

```
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n\n@param member a consumer that will call methods on { @link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(String)",
```

```
 "deprecated" : false,
```

```
 "documentation" : "",
```

```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",

```

```

 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagKeys",
"setterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>\n@param tagKeys Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.",
"setterMethodName" : "setTagKeys",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "tagKeys",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "tagKeys",
 "variableType" : "java.util.List<String>",

```

```

"documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
"ARN" : {
"beanStyleGetterMethodName" : "getArn",
"beanStyleSetterMethodName" : "setArn",
"c2jName" : "ARN",
"c2jShape" : "ARN",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch
domain from which you want to delete the specified tags.</p>\nThis is a convenience that creates an instance of the
{@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}.
When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to
{@link Consumer#accept(String)}.
@param arn a consumer that will call methods on {@link String.Builder}
@return Returns a
reference to this object so that method calls can be chained together.
@see #accept(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want
to delete the specified tags.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from
which you want to delete the specified tags.</p>\n@param arn Specifies the <code>ARN</code> for the
Elasticsearch domain from which you want to delete the specified tags.
@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "arn",
"getterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you
want to delete the specified tags.</p>\n@return Specifies the <code>ARN</code> for the Elasticsearch domain
from which you want to delete the specified tags.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,

```

```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ARN",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ARN",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you
want to delete the specified tags.</p>\n@param arn Specifies the <code>ARN</code> for the Elasticsearch domain
from which you want to delete the specified tags.",
"setterMethodName" : "setArn",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want
to delete the specified tags.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"TagKeys" : {
 "beanStyleGetterMethodName" : "getTagKeys",
 "beanStyleSetterMethodName" : "setTagKeys",
 "c2jName" : "TagKeys",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you

```

want to remove from the Elasticsearch domain.

This is a convenience that creates an instance of the `List<String>.Builder` avoiding the need to create one manually via `List<String>#builder()`. When the `Consumer` completes, `List<String>.Builder#build()` is called immediately and its result is passed to `#tagKeys(List<String>)`. @param tagKeys a consumer that will call methods on `List<String>.Builder` @return Returns a reference to this object so that method calls can be chained together. @see #tagKeys(List<String>)",

```
"deprecated" : false,
"documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagKeys",
"fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from
the Elasticsearch domain.</p>\n@param tagKeys Specifies the <code>TagKey</code> list which you want to
remove from the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "tagKeys",
"getterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return Specifies the <code>TagKey</code> list which you want to
remove from the Elasticsearch domain.",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TagKeys",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TagKeys",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
```

```

"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
}

```



```

 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagKeys",
"setterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>\n\n@param tagKeys Specifies the <code>TagKey</code> list which you want to remove

```

```

from the Elasticsearch domain.",
 "setterMethodName" : "setTagKeys",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "tagKeys",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "tagKeys",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getArn",
 "beanStyleSetterMethodName" : "setArn",
 "c2jName" : "ARN",
 "c2jShape" : "ARN",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch
domain from which you want to delete the specified tags.</p>\nThis is a convenience that creates an instance of the
{ @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#arn(String)}. \n@param arn a consumer that will call methods on { @link String.Builder} \n@return Returns a
reference to this object so that method calls can be chained together. \n@see #arn(String)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to
delete the specified tags.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "arn",
 "fluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which
you want to delete the specified tags.</p>\n@param arn Specifies the <code>ARN</code> for the Elasticsearch
domain from which you want to delete the specified tags. \n@return Returns a reference to this object so that method
calls can be chained together."
}
]
}

```

```

"fluentSetterMethodName" : "arn",
"getterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you
want to delete the specified tags.</p>\n@return Specifies the <code>ARN</code> for the Elasticsearch domain
from which you want to delete the specified tags.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ARN",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ARN",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you
want to delete the specified tags.</p>\n@param arn Specifies the <code>ARN</code> for the Elasticsearch domain
from which you want to delete the specified tags.",
"setterMethodName" : "setArn",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {

```

```

 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want
to delete the specified tags.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getTagKeys",
 "beanStyleSetterMethodName" : "setTagKeys",
 "c2jName" : "TagKeys",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want
to remove from the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #tagKeys(List<String>)}. \n@param tagKeys a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #tagKeys(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "tagKeys",
 "fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from
the Elasticsearch domain.</p>\n@param tagKeys Specifies the <code>TagKey</code> list which you want
to remove from the Elasticsearch domain. \n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "tagKeys",
 "getterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return Specifies the <code>TagKey</code> list which you want
to remove from the Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

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```

"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TagKeys",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TagKeys",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {

```

```

 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,

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"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagKeys",
"setterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>\n@param tagKeys Specifies the <code>TagKey</code> list which you want to remove
from the Elasticsearch domain.",
"setterMethodName" : "setTagKeys",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "tagKeys",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "tagKeys",
"variableType" : "java.util.List<String>",
"documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["ARN", "TagKeys"],
"shapeName" : "RemoveTagsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
"variableDeclarationType" : "RemoveTagsRequest",
"variableName" : "removeTagsRequest",
"variableType" : "RemoveTagsRequest",

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 "documentation" : null,
 "simpleType" : "RemoveTagsRequest",
 "variableSetterType" : "RemoveTagsRequest"
 },
 "wrapper" : false
},
"RemoveTagsResponse" : {
 "c2jName" : "RemoveTagsResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : null,
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [],
 "membersAsMap" : { },
 "nonStreamingMembers" : [],
 "requestSignerAware" : false,
 "requestSignerClassFqcn" : null,
 "required" : null,
 "shapeName" : "RemoveTagsResponse",
 "simpleMethod" : false,
 "unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
 },
 "variable" : {
 "variableDeclarationType" : "RemoveTagsResponse",
 "variableName" : "removeTagsResponse",
 "variableType" : "RemoveTagsResponse",
 "documentation" : null,
 "simpleType" : "RemoveTagsResponse",
 "variableSetterType" : "RemoveTagsResponse"
 },

```



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"wrapper" : false
},
"ReservedElasticsearchInstance" : {
 "c2jName" : "ReservedElasticsearchInstance",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Details of a reserved Elasticsearch instance.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getReservationName",
 "beanStyleSetterMethodName" : "setReservationName",
 "c2jName" : "ReservationName",
 "c2jShape" : "ReservationToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservationName(String)",
 "deprecated" : false,
 "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservationName",
 "fluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@param reservationName The customer-specified identifier to track this reservation.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservationName",

```

```

"getterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@return The
customer-specified identifier to track this reservation.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservationName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservationName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@param
reservationName The customer-specified identifier to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",

```

```

 "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
 "c2jName" : "ReservedElasticsearchInstanceId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}. \n@param
reservedElasticsearchInstanceId a consumer that will call methods on { @link String.Builder}\n@return Returns a
reference to this object so that method calls can be chained together.\n@see
#reservedElasticsearchInstanceId(String)",
 "deprecated" : false,
 "documentation" : "<p>The unique identifier for the reservation.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceId",
 "fluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@param
reservedElasticsearchInstanceId The unique identifier for the reservation.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceId",
 "getterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@return The unique identifier for
the reservation.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceId",
 "queryString" : false,
 "statusCode" : false,

```

```

 "unmarshallLocationName" : "ReservedElasticsearchInstanceId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservedElasticsearchInstanceId",
 "setterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@param
reservedElasticsearchInstanceId The unique identifier for the reservation.",
 "setterMethodName" : "setReservedElasticsearchInstanceId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : "<p>The unique identifier for the reservation.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "c2jName" : "ReservedElasticsearchInstanceOfferingId",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier.</p>\nThis is a convenience that
creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link
String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param
reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see
#reservedElasticsearchInstanceOfferingId(String)",
 "deprecated" : false,
 "documentation" : "<p>The offering identifier.</p>",

```

```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "<p>The offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The offering identifier.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "<p>The offering identifier.</p>\n@return The offering identifier.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The offering identifier.</p>\n@param reservedElasticsearchInstanceOfferingId
The offering identifier.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : null,

```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : "<p>The offering identifier.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
 "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
 "c2jName" : "ElasticsearchInstanceType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved
instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchInstanceTypeAsString(String)}. \n@param elasticsearchInstanceType a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #elasticsearchInstanceType(String)",
 "deprecated" : false,
 "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "elasticsearchInstanceType",
 "fluentEnumSetterMethodName" : "elasticsearchInstanceType",
 "fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
 "fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance
offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance
offering.\n@see ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be
chained together.\n@see ESPartitionInstanceType",
 "fluentSetterMethodName" : "elasticsearchInstanceType",
 "getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance
offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#elasticsearchInstanceType} will return { @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}.
The raw value returned by the service is available from { @link
#elasticsearchInstanceTypeAsString}. \n</p>\n@return The Elasticsearch instance type offered by the reserved
instance offering.\n@see ESPartitionInstanceType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
}

```

```

},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchInstanceType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchInstanceType",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchInstanceType",
"setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
"setterMethodName" : "setElasticsearchInstanceType",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchInstanceType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchInstanceType",
 "variableType" : "String",
 "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},

```

```

"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStartTime",
 "beanStyleSetterMethodName" : "setStartTime",
 "c2jName" : "StartTime",
 "c2jShape" : "UpdateTimestamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>The time the reservation started.</p>\nThis is a
convenience that creates an instance of the { @link Instant.Builder} avoiding the need to create one manually via
{ @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link Instant.Builder#build()} is called
immediately and its result is passed to { @link #startTime(Instant)}. \n@param startTime a consumer that will call
methods on { @link Instant.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #startTime(Instant)",
 "deprecated" : false,
 "documentation" : "<p>The time the reservation started.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "startTime",
 "fluentSetterDocumentation" : "<p>The time the reservation started.</p>\n@param startTime The time the
reservation started.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "startTime",
 "getterDocumentation" : "<p>The time the reservation started.</p>\n@return The time the reservation started.",
 "getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StartTime",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StartTime",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,

```



```

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTime",
"setterDocumentation" : "<p>The time the reservation started.</p>\n@param startTime The time the
reservation started.",
"setterMethodName" : "setStartTime",
"setterModel" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "startTime",
 "variableType" : "java.time.Instant",
 "documentation" : null,
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "startTime",
 "variableType" : "java.time.Instant",
 "documentation" : "<p>The time the reservation started.</p>",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDuration",
 "beanStyleSetterMethodName" : "setDuration",
 "c2jName" : "Duration",
 "c2jShape" : "Integer",
 "defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch
instance is reserved.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the
need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link #duration(Integer)}. \n@param
duration a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #duration(Integer)",
 "deprecated" : false,
 "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "duration",
 "fluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is
reserved.</p>\n@param duration The duration, in seconds, for which the Elasticsearch instance is

```

```

reserved.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "duration",
 "getterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is
reserved.</p>\n@return The duration, in seconds, for which the Elasticsearch instance is reserved.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Duration",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Duration",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "Duration",
 "setterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is
reserved.</p>\n@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.",
 "setterMethodName" : "setDuration",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "duration",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",

```

```

 "variableName" : "duration",
 "variableType" : "Integer",
 "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getFixedPrice",
 "beanStyleSetterMethodName" : "setFixedPrice",
 "c2jName" : "FixedPrice",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering. </p>\nThis is a convenience that creates an instance of the { @link
Double.Builder} avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#fixedPrice(Double)}. \n@param fixedPrice a consumer that will call methods on { @link Double.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #fixedPrice(Double)",
 "deprecated" : false,
 "documentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch
instance offering. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "fixedPrice",
 "fluentSetterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering. \n@return Returns a reference to this object so that method calls
can be chained together.",
 "fluentSetterMethodName" : "fixedPrice",
 "getterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@return The upfront fixed charge you will paid to purchase the specific
reserved Elasticsearch instance offering.",
 "getterModel" : {
 "returnType" : "Double",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,

```

```

 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "FixedPrice",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "FixedPrice",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "DOUBLE",
 "name" : "FixedPrice",
 "setterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering.",
 "setterMethodName" : "setFixedPrice",
 "setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "fixedPrice",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "fixedPrice",
 "variableType" : "Double",
 "documentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch
instance offering. </p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUsagePrice",
 "beanStyleSetterMethodName" : "setUsagePrice",
 "c2jName" : "UsagePrice",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that
is using this reserved instance.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder }
avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer }

```

```

completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link
#usagePrice(Double)}.{@param usagePrice a consumer that will call methods on {@link
Double.Builder}}{@return Returns a reference to this object so that method calls can be chained together.}@see
#usagePrice(Double)",
 "deprecated" : false,
 "documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "usagePrice",
 "fluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this
reserved instance.</p>{@param usagePrice The rate you are charged for each hour for the domain that is using this
reserved instance.}@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "usagePrice",
 "getterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>{@return The rate you are charged for each hour for the domain that is using this reserved instance.",
 "getterModel" : {
 "returnType" : "Double",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UsagePrice",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UsagePrice",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "DOUBLE",
 "name" : "UsagePrice",

```

```

"setterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>\n@param usagePrice The rate you are charged for each hour for the domain that is using this reserved
instance.",
"setterMethodName" : "setUsagePrice",
"setterModel" : {
"variableDeclarationType" : "Double",
"variableName" : "usagePrice",
"variableType" : "Double",
"documentation" : null,
"simpleType" : "Double",
"variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Double",
"variableName" : "usagePrice",
"variableType" : "Double",
"documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>",
"simpleType" : "Double",
"variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getCurrencyCode",
"beanStyleSetterMethodName" : "setCurrencyCode",
"c2jName" : "CurrencyCode",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to
create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #currencyCode(String)}. \n@param
currencyCode a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #currencyCode(String)",
"deprecated" : false,
"documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "currencyCode",
"fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "currencyCode",
"getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@return

```

The currency code for the reserved Elasticsearch instance offering.",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CurrencyCode",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CurrencyCode",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrencyCode",
"setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param
currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "currencyCode",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "currencyCode",
 "variableType" : "String",
 "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchInstanceCount",
 "beanStyleSetterMethodName" : "setElasticsearchInstanceCount",
 "c2jName" : "ElasticsearchInstanceCount",
 "c2jShape" : "Integer",
 "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchInstanceCount(Integer)}. \n@param elasticsearchInstanceCount a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see #elasticsearchInstanceCount(Integer)",
 "deprecated" : false,
 "documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchInstanceCount",
 "fluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@param elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchInstanceCount",
 "getterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@return The number of Elasticsearch instances that have been reserved.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchInstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchInstanceCount",

```



```

 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "ElasticsearchInstanceCount",
 "setterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@param
elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.",
 "setterMethodName" : "setElasticsearchInstanceCount",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "elasticsearchInstanceCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "elasticsearchInstanceCount",
 "variableType" : "Integer",
 "documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getState",
 "beanStyleSetterMethodName" : "setState",
 "c2jName" : "State",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch
instance.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #state(String)}. \n@param state a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #state(String)",
 "deprecated" : false,
 "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
 "enumType" : null,
 "eventHeader" : false,

```

```

"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "state",
"fluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@param state The
state of the reserved Elasticsearch instance.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "state",
"getterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@return The state of the
reserved Elasticsearch instance.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "State",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "State",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"setterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@param state The state of
the reserved Elasticsearch instance.",
"setterMethodName" : "setState",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "state",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",

```

```

 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "state",
 "variableType" : "String",
 "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getPaymentOptionAsString",
 "beanStyleSetterMethodName" : "setPaymentOption",
 "c2jName" : "PaymentOption",
 "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
 "defaultConsumerFluentSetterDocumentation" : "<p>The payment option as defined in the reserved
Elasticsearch instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#paymentOptionAsString(String)}. \n@param paymentOption a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#paymentOption(String)",
 "deprecated" : false,
 "documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
 "enumType" : "ReservedElasticsearchInstancePaymentOption",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "paymentOption",
 "fluentEnumSetterMethodName" : "paymentOption",
 "fluentGetterMethodName" : "paymentOptionAsString",
 "fluentSetterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance
offering.</p>\n@param paymentOption The payment option as defined in the reserved Elasticsearch instance
offering.\n@see ReservedElasticsearchInstancePaymentOption\n@return Returns a reference to this object so that
method calls can be chained together.\n@see ReservedElasticsearchInstancePaymentOption",
 "fluentSetterMethodName" : "paymentOption",
 "getterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance
offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#paymentOption} will return { @link
ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the
service is available from { @link #paymentOptionAsString}. \n</p>\n@return The payment option as defined in the
reserved Elasticsearch instance offering.\n@see ReservedElasticsearchInstancePaymentOption",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
}
```

```

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "PaymentOption",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "PaymentOption",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "PaymentOption",
"setterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>\n@param paymentOption The payment option as defined in the reserved Elasticsearch instance offering.\n@see ReservedElasticsearchInstancePaymentOption",
"setterMethodName" : "setPaymentOption",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "paymentOption",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "paymentOption",
 "variableType" : "String",
 "documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null

```

```

}, {
 "beanStyleGetterMethodName" : "getRecurringCharges",
 "beanStyleSetterMethodName" : "setRecurringCharges",
 "c2jName" : "RecurringCharges",
 "c2jShape" : "RecurringChargeList",
 "defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\nThis is a convenience that creates an instance of the { @link List<RecurringCharge>.Builder} avoiding the need to create one manually via { @link List<RecurringCharge>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to { @link #recurringCharges(List<RecurringCharge>)}. \n@param recurringCharges a consumer that will call methods on { @link List<RecurringCharge>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #recurringCharges(List<RecurringCharge>)",
 "deprecated" : false,
 "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "recurringCharges",
 "fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "recurringCharges",
 "getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return The charge to your account regardless of whether you are creating any domains using the instance offering.",
 "getterModel" : {
 "returnType" : "java.util.List<RecurringCharge>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RecurringCharges",
 "queryString" : false,
 "statusCode" : false,

```

```

 "unmarshallLocationName" : "RecurringCharges",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "RecurringCharge",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link RecurringCharge.Builder} avoiding the need
to create one manually via { @link RecurringCharge#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link RecurringCharge.Builder#build()} is called immediately and its result is passed to { @link
#member(RecurringCharge)}. \n@param member a consumer that will call methods on { @link
RecurringCharge.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(RecurringCharge)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "RecurringCharge",
 "documentation" : null
 },
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 },

```

```

 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "RecurringCharge",
 "variableName" : "member",
 "variableType" : "RecurringCharge",
 "documentation" : null,
 "simpleType" : "RecurringCharge",
 "variableSetterType" : "RecurringCharge"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "RecurringCharge",
 "variableName" : "member",
 "variableType" : "RecurringCharge",
 "documentation" : "",
 "simpleType" : "RecurringCharge",
 "variableSetterType" : "RecurringCharge"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",

```

```

 "templateType" : "java.util.List<RecurringCharge>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "RecurringCharges",
 "setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",
 "setterMethodName" : "setRecurringCharges",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<RecurringCharge>",
 "variableName" : "recurringCharges",
 "variableType" : "java.util.List<RecurringCharge>",
 "documentation" : null,
 "simpleType" : "List<RecurringCharge>",
 "variableSetterType" : "java.util.Collection<RecurringCharge>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<RecurringCharge>",
 "variableName" : "recurringCharges",
 "variableType" : "java.util.List<RecurringCharge>",
 "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
 "simpleType" : "List<RecurringCharge>",
 "variableSetterType" : "java.util.Collection<RecurringCharge>"
 },
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "CurrencyCode" : {
 "beanStyleGetterMethodName" : "getCurrencyCode",
 "beanStyleSetterMethodName" : "setCurrencyCode",
 "c2jName" : "CurrencyCode",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #currencyCode(String)}. \n@param currencyCode a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #currencyCode(String)",
 "deprecated" : false,
 "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

```



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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "currencyCode",
"fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "currencyCode",
"getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\n@return The currency code for the reserved Elasticsearch instance offering.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CurrencyCode",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CurrencyCode",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrencyCode",
"setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "currencyCode",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
}

```

```

 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "currencyCode",
 "variableType" : "String",
 "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"Duration" : {
 "beanStyleGetterMethodName" : "getDuration",
 "beanStyleSetterMethodName" : "setDuration",
 "c2jName" : "Duration",
 "c2jShape" : "Integer",
 "defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #duration(Integer)}. \n@param duration a consumer that will call methods on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #duration(Integer)",
 "deprecated" : false,
 "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "duration",
 "fluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@param duration The duration, in seconds, for which the Elasticsearch instance is reserved. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "duration",
 "getterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@return The duration, in seconds, for which the Elasticsearch instance is reserved.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```

```

 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Duration",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Duration",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "Duration",
 "setterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.",
 "setterMethodName" : "setDuration",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "duration",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "duration",
 "variableType" : "Integer",
 "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
},
"ElasticsearchInstanceCount" : {
 "beanStyleGetterMethodName" : "getElasticsearchInstanceCount",
 "beanStyleSetterMethodName" : "setElasticsearchInstanceCount",
 "c2jName" : "ElasticsearchInstanceCount",
 "c2jShape" : "Integer",
 "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been

```

reserved.

This is a convenience that creates an instance of the `{ @link Integer.Builder}` avoiding the need to create one manually via `{ @link Integer#builder()}.{@link Consumer}` completes, `{ @link Integer.Builder#build()}` is called immediately and its result is passed to `{ @link #elasticsearchInstanceCount(Integer)}`.  
 @param elasticsearchInstanceCount a consumer that will call methods on `{ @link Integer.Builder}`  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see #elasticsearchInstanceCount(Integer)",

```

 "deprecated" : false,
 "documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchInstanceCount",
 "fluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been
reserved.</p>\n@param elasticsearchInstanceCount The number of Elasticsearch instances that have been
reserved.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchInstanceCount",
 "getterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@return
The number of Elasticsearch instances that have been reserved.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchInstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchInstanceCount",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",

```

```

"name" : "ElasticsearchInstanceCount",
"setterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@param
elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.",
"setterMethodName" : "setElasticsearchInstanceCount",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "elasticsearchInstanceCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "elasticsearchInstanceCount",
 "variableType" : "Integer",
 "documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"ElasticsearchInstanceType" : {
 "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
 "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
 "c2jName" : "ElasticsearchInstanceType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved
instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchInstanceTypeAsString(String)}. \n@param elasticsearchInstanceType a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #elasticsearchInstanceType(String)",
 "deprecated" : false,
 "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "elasticsearchInstanceType",
 "fluentEnumSetterMethodName" : "elasticsearchInstanceType",
 "fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
 "fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance
offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance
offering. \n@see ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be
chained together. \n@see ESPartitionInstanceType",

```

```

 "fluentSetterMethodName" : "elasticsearchInstanceType",
 "getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance
offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#elasticsearchInstanceType } will return { @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}.
The raw value returned by the service is available from { @link
#elasticsearchInstanceTypeAsString }.</p>\n@return The Elasticsearch instance type offered by the reserved
instance offering.\n@see ESPartitionInstanceType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchInstanceType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchInstanceType",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ElasticsearchInstanceType",
 "setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance
offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance
offering.\n@see ESPartitionInstanceType",
 "setterMethodName" : "setElasticsearchInstanceType",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchInstanceType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },

```

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"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchInstanceType",
 "variableType" : "String",
 "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"FixedPrice" : {
 "beanStyleGetterMethodName" : "getFixedPrice",
 "beanStyleSetterMethodName" : "setFixedPrice",
 "c2jName" : "FixedPrice",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>\nThis is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link #fixedPrice(Double)}. \n@param fixedPrice a consumer that will call methods on { @link Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #fixedPrice(Double)",
 "deprecated" : false,
 "documentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "fixedPrice",
 "fluentSetterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "fixedPrice",
 "getterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>\n@return The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.",
 "getterModel" : {
 "returnType" : "Double",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```

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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "FixedPrice",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "FixedPrice",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "DOUBLE",
 "name" : "FixedPrice",
 "setterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering.",
 "setterMethodName" : "setFixedPrice",
 "setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "fixedPrice",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "fixedPrice",
 "variableType" : "Double",
 "documentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch
instance offering. </p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "xmlNamespaceUri" : null
},
"PaymentOption" : {
 "beanStyleGetterMethodName" : "getPaymentOptionAsString",

```



```

"beanStyleSetterMethodName" : "setPaymentOption",
"c2jName" : "PaymentOption",
"c2jShape" : "ReservedElasticsearchInstancePaymentOption",
"defaultConsumerFluentSetterDocumentation" : "<p>The payment option as defined in the reserved
Elasticsearch instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#paymentOptionAsString(String)}. \n@param paymentOption a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#paymentOption(String)",
"deprecated" : false,
"documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
"enumType" : "ReservedElasticsearchInstancePaymentOption",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "paymentOption",
"fluentEnumSetterMethodName" : "paymentOption",
"fluentGetterMethodName" : "paymentOptionAsString",
"fluentSetterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance
offering.</p>\n@param paymentOption The payment option as defined in the reserved Elasticsearch instance
offering.\n@see ReservedElasticsearchInstancePaymentOption\n@return Returns a reference to this object so that
method calls can be chained together.\n@see ReservedElasticsearchInstancePaymentOption",
"fluentSetterMethodName" : "paymentOption",
"getterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance
offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#paymentOption} will return { @link
ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the
service is available from { @link #paymentOptionAsString}. \n</p>\n@return The payment option as defined in the
reserved Elasticsearch instance offering.\n@see ReservedElasticsearchInstancePaymentOption",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "PaymentOption",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "PaymentOption",
 "uri" : false

```

```

 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "PaymentOption",
 "setterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>\n@param paymentOption The payment option as defined in the reserved Elasticsearch instance offering.\n@see ReservedElasticsearchInstancePaymentOption",
 "setterMethodName" : "setPaymentOption",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "paymentOption",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "paymentOption",
 "variableType" : "String",
 "documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"RecurringCharges" : {
 "beanStyleGetterMethodName" : "getRecurringCharges",
 "beanStyleSetterMethodName" : "setRecurringCharges",
 "c2jName" : "RecurringCharges",
 "c2jShape" : "RecurringChargeList",
 "defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\nThis is a convenience that creates an instance of the { @link List<RecurringCharge>.Builder} avoiding the need to create one manually via { @link List<RecurringCharge>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to { @link #recurringCharges(List<RecurringCharge>)}.\n@param recurringCharges a consumer that will call methods on { @link List<RecurringCharge>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #recurringCharges(List<RecurringCharge>)",
 "deprecated" : false,

```

```

"documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringCharges",
"fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any
domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of
whether you are creating any domains using the instance offering.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "recurringCharges",
"getterDocumentation" : "<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n@return The charge to your account regardless of whether you are
creating any domains using the instance offering.",
"getterModel" : {
 "returnType" : "java.util.List<RecurringCharge>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RecurringCharges",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RecurringCharges",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",

```

```

 "c2jShape" : "RecurringCharge",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link RecurringCharge.Builder} avoiding the need
to create one manually via { @link RecurringCharge#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link RecurringCharge.Builder#build()} is called immediately and its result is passed to { @link
#member(RecurringCharge)}. \n@param member a consumer that will call methods on { @link
RecurringCharge.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(RecurringCharge)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "RecurringCharge",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,

```

```

"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "RecurringCharge",
 "variableName" : "member",
 "variableType" : "RecurringCharge",
 "documentation" : null,
 "simpleType" : "RecurringCharge",
 "variableSetterType" : "RecurringCharge"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "RecurringCharge",
 "variableName" : "member",
 "variableType" : "RecurringCharge",
 "documentation" : "",
 "simpleType" : "RecurringCharge",
 "variableSetterType" : "RecurringCharge"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains
using the instance offering.</p>\n\n@param recurringCharges The charge to your account regardless of whether you
are creating any domains using the instance offering.",
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<RecurringCharge>",
 "variableName" : "recurringCharges",
 "variableType" : "java.util.List<RecurringCharge>",

```

```

 "documentation" : null,
 "simpleType" : "List<RecurringCharge>",
 "variableSetterType" : "java.util.Collection<RecurringCharge>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<RecurringCharge>",
 "variableName" : "recurringCharges",
 "variableType" : "java.util.List<RecurringCharge>",
 "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
 "simpleType" : "List<RecurringCharge>",
 "variableSetterType" : "java.util.Collection<RecurringCharge>"
 },
 "xmlNamespaceUri" : null
},
"ReservationName" : {
 "beanStyleGetterMethodName" : "getReservationName",
 "beanStyleSetterMethodName" : "setReservationName",
 "c2jName" : "ReservationName",
 "c2jShape" : "ReservationToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier to track this
reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#reservationName(String)",
 "deprecated" : false,
 "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservationName",
 "fluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@param
reservationName The customer-specified identifier to track this reservation.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservationName",
 "getterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@return The
customer-specified identifier to track this reservation.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {

```

```

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservationName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservationName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@param
reservationName The customer-specified identifier to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceId" : {

```

```

"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
"c2jName" : "ReservedElasticsearchInstanceId",
"c2jShape" : "GUID",
"defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}. \n@param
reservedElasticsearchInstanceId a consumer that will call methods on { @link String.Builder}\n@return Returns a
reference to this object so that method calls can be chained together.\n@see
#reservedElasticsearchInstanceId(String)",
"deprecated" : false,
"documentation" : "<p>The unique identifier for the reservation.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@param
reservedElasticsearchInstanceId The unique identifier for the reservation.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceId",
"getterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@return The unique identifier for
the reservation.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

```



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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@param
reservedElasticsearchInstanceId The unique identifier for the reservation.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : "<p>The unique identifier for the reservation.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "c2jName" : "ReservedElasticsearchInstanceOfferingId",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier.</p>\nThis is a convenience that
creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link
String#builder()}. \n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called
immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param
reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see
#reservedElasticsearchInstanceOfferingId(String)",
 "deprecated" : false,
 "documentation" : "<p>The offering identifier.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,

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```

 "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "fluentSetterDocumentation" : "<p>The offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The offering identifier.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "getterDocumentation" : "<p>The offering identifier.</p>\n@return The offering identifier.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservedElasticsearchInstanceOfferingId",
 "setterDocumentation" : "<p>The offering identifier.</p>\n@param reservedElasticsearchInstanceOfferingId
The offering identifier.",
 "setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,

```

```

"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : "<p>The offering identifier.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"StartTime" : {
 "beanStyleGetterMethodName" : "getStartTime",
 "beanStyleSetterMethodName" : "setStartTime",
 "c2jName" : "StartTime",
 "c2jShape" : "UpdateTimestamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>The time the reservation started.</p>\nThis is a
convenience that creates an instance of the { @link Instant.Builder} avoiding the need to create one manually via
{ @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link Instant.Builder#build()} is called
immediately and its result is passed to { @link #startTime(Instant)}. \n@param startTime a consumer that will call
methods on { @link Instant.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #startTime(Instant)",
 "deprecated" : false,
 "documentation" : "<p>The time the reservation started.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "startTime",
 "fluentSetterDocumentation" : "<p>The time the reservation started.</p>\n@param startTime The time the
reservation started.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "startTime",
 "getterDocumentation" : "<p>The time the reservation started.</p>\n@return The time the reservation
started.",
 "getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",

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"marshallLocationName" : "StartTime",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StartTime",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTime",
"setterDocumentation" : "<p>The time the reservation started.</p>\n@param startTime The time the
reservation started.",
"setterMethodName" : "setStartTime",
"setterModel" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "startTime",
 "variableType" : "java.time.Instant",
 "documentation" : null,
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "startTime",
 "variableType" : "java.time.Instant",
 "documentation" : "<p>The time the reservation started.</p>",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
},
"State" : {
 "beanStyleGetterMethodName" : "getState",
 "beanStyleSetterMethodName" : "setState",
 "c2jName" : "State",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch
instance.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #state(String)}. \n@param state a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that

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```

method calls can be chained together.\n@see #state(String)",
 "deprecated" : false,
 "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "state",
 "fluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@param state The
state of the reserved Elasticsearch instance.\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "state",
 "getterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@return The state of the
reserved Elasticsearch instance.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "State",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "State",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "State",
 "setterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@param state The state of
the reserved Elasticsearch instance.",
 "setterMethodName" : "setState",
 "setterModel" : {

```

```

 "variableDeclarationType" : "String",
 "variableName" : "state",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "state",
 "variableType" : "String",
 "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"UsagePrice" : {
 "beanStyleGetterMethodName" : "getUsagePrice",
 "beanStyleSetterMethodName" : "setUsagePrice",
 "c2jName" : "UsagePrice",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain
that is using this reserved instance.</p>\nThis is a convenience that creates an instance of the { @link
Double.Builder} avoiding the need to create one manually via { @link Double.Builder#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#usagePrice(Double)}. \n@param usagePrice a consumer that will call methods on { @link
Double.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#usagePrice(Double)",
 "deprecated" : false,
 "documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "usagePrice",
 "fluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this
reserved instance.</p>\n@param usagePrice The rate you are charged for each hour for the domain that is using this
reserved instance.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "usagePrice",
 "getterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>\n@return The rate you are charged for each hour for the domain that is using this reserved instance.",
 "getterModel" : {
 "returnType" : "Double",

```

```

 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UsagePrice",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UsagePrice",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "DOUBLE",
 "name" : "UsagePrice",
 "setterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>\n@param usagePrice The rate you are charged for each hour for the domain that is using this reserved
instance.",
 "setterMethodName" : "setUsagePrice",
 "setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "usagePrice",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "usagePrice",
 "variableType" : "Double",
 "documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>",
 "simpleType" : "Double",

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```

 "variableSetterType" : "Double"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getReservationName",
 "beanStyleSetterMethodName" : "setReservationName",
 "c2jName" : "ReservationName",
 "c2jShape" : "ReservationToken",
 "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservationName(String)}. \n@param reservationName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservationName(String)",
 "deprecated" : false,
 "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservationName",
 "fluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@param reservationName The customer-specified identifier to track this reservation. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservationName",
 "getterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@return The customer-specified identifier to track this reservation.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservationName",
 "queryString" : false,
 "statusCode" : false,

```



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 "unmarshallLocationName" : "ReservationName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservationName",
 "setterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>\n@param
reservationName The customer-specified identifier to track this reservation.",
 "setterMethodName" : "setReservationName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservationName",
 "variableType" : "String",
 "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
 "c2jName" : "ReservedElasticsearchInstanceId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}. \n@param
reservedElasticsearchInstanceId a consumer that will call methods on { @link String.Builder} \n@return Returns a
reference to this object so that method calls can be chained together. \n@see
#reservedElasticsearchInstanceId(String)",
 "deprecated" : false,
 "documentation" : "<p>The unique identifier for the reservation.</p>",

```

```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@param
reservedElasticsearchInstanceId The unique identifier for the reservation.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceId",
"getterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@return The unique identifier for
the reservation.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "<p>The unique identifier for the reservation.</p>\n@param
reservedElasticsearchInstanceId The unique identifier for the reservation.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",

```

```

 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceId",
 "variableType" : "String",
 "documentation" : "<p>The unique identifier for the reservation.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "c2jName" : "ReservedElasticsearchInstanceOfferingId",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #reservedElasticsearchInstanceOfferingId(String)",
 "deprecated" : false,
 "documentation" : "<p>The offering identifier.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "fluentSetterDocumentation" : "<p>The offering identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The offering identifier. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "getterDocumentation" : "<p>The offering identifier.</p>\n@return The offering identifier.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```

```

 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservedElasticsearchInstanceOfferingId",
 "setterDocumentation" : "<p>The offering identifier.</p>\n@param reservedElasticsearchInstanceOfferingId
The offering identifier.",
 "setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : "<p>The offering identifier.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
 "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
 "c2jName" : "ElasticsearchInstanceType",
 "c2jShape" : "ESPartitionInstanceType",

```

"defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #elasticsearchInstanceAsString(String) }. \n@param elasticsearchInstanceType a consumer that will call methods on { @link String.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #elasticsearchInstanceType(String)",

"deprecated" : false,

"documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",

"enumType" : "ESPartitionInstanceType",

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : "elasticsearchInstanceType",

"fluentEnumSetterMethodName" : "elasticsearchInstanceType",

"fluentGetterMethodName" : "elasticsearchInstanceAsString",

"fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering. \n@see ESPartitionInstanceType \n@return Returns a reference to this object so that method calls can be chained together. \n@see ESPartitionInstanceType",

"fluentSetterMethodName" : "elasticsearchInstanceType",

"getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #elasticsearchInstanceType } will return { @link ESPartitionInstanceType#UNKNOWN\_TO\_SDK\_VERSION }. The raw value returned by the service is available from { @link #elasticsearchInstanceAsString }. \n</p>\n@return The Elasticsearch instance type offered by the reserved instance offering. \n@see ESPartitionInstanceType",

"getterModel" : {  
 "returnType" : "String",  
 "documentation" : null

},

"http" : {  
 "additionalMarshallingPath" : null,  
 "additionalUnmarshallingPath" : null,  
 "flattened" : false,  
 "greedy" : false,  
 "header" : false,  
 "isPayload" : false,  
 "isStreaming" : false,  
 "location" : null,  
 "marshallLocation" : "PAYLOAD",  
 "marshallLocationName" : "ElasticsearchInstanceType",  
 "queryString" : false,  
 "statusCode" : false,  
 "unmarshallLocationName" : "ElasticsearchInstanceType",  
 "uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchInstanceType",
"setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
"setterMethodName" : "setElasticsearchInstanceType",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchInstanceType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchInstanceType",
 "variableType" : "String",
 "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStartTime",
 "beanStyleSetterMethodName" : "setStartTime",
 "c2jName" : "StartTime",
 "c2jShape" : "UpdateTimestamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>The time the reservation started.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link Instant.Builder#build()} is called immediately and its result is passed to { @link #startTime(Instant)}. \n@param startTime a consumer that will call methods on { @link Instant.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #startTime(Instant)",
 "deprecated" : false,
 "documentation" : "<p>The time the reservation started.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,

```

```

"fluentGetterMethodName" : "startTime",
"fluentSetterDocumentation" : "<p>The time the reservation started.</p>\n@param startTime The time the
reservation started.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "startTime",
"getterDocumentation" : "<p>The time the reservation started.</p>\n@return The time the reservation started.",
"getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StartTime",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StartTime",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTime",
"setterDocumentation" : "<p>The time the reservation started.</p>\n@param startTime The time the
reservation started.",
"setterMethodName" : "setStartTime",
"setterModel" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "startTime",
 "variableType" : "java.time.Instant",
 "documentation" : null,
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {

```

```

 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "startTime",
 "variableType" : "java.time.Instant",
 "documentation" : "<p>The time the reservation started.</p>",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDuration",
 "beanStyleSetterMethodName" : "setDuration",
 "c2jName" : "Duration",
 "c2jShape" : "Integer",
 "defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #duration(Integer)}. \n@param duration a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #duration(Integer)",
 "deprecated" : false,
 "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "duration",
 "fluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "duration",
 "getterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@return The duration, in seconds, for which the Elasticsearch instance is reserved.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Duration",

```



```

 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Duration",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "Duration",
 "setterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\n@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.",
 "setterMethodName" : "setDuration",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "duration",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "duration",
 "variableType" : "Integer",
 "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getFixedPrice",
 "beanStyleSetterMethodName" : "setFixedPrice",
 "c2jName" : "FixedPrice",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>\nThis is a convenience that creates an instance of the { @link Double.Builder } avoiding the need to create one manually via { @link Double.Builder#builder() }. \n\nWhen the { @link Consumer } completes, { @link Double.Builder#build() } is called immediately and its result is passed to { @link #fixedPrice(Double) }. \n@param fixedPrice a consumer that will call methods on { @link Double.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #fixedPrice(Double)",
 "deprecated" : false,

```

```

"documentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch
instance offering. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "fixedPrice",
"fluentSetterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering.\n@return Returns a reference to this object so that method calls
can be chained together.",
"fluentSetterMethodName" : "fixedPrice",
"getterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@return The upfront fixed charge you will paid to purchase the specific
reserved Elasticsearch instance offering.",
"getterModel" : {
 "returnType" : "Double",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "FixedPrice",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "FixedPrice",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "FixedPrice",
"setterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering.",

```

```

"setterMethodName" : "setFixedPrice",
"setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "fixedPrice",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "fixedPrice",
 "variableType" : "Double",
 "documentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch
instance offering. </p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUsagePrice",
 "beanStyleSetterMethodName" : "setUsagePrice",
 "c2jName" : "UsagePrice",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that
is using this reserved instance.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder}
avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#usagePrice(Double)}. \n@param usagePrice a consumer that will call methods on { @link
Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#usagePrice(Double)",
 "deprecated" : false,
 "documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "usagePrice",
 "fluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this
reserved instance.</p>\n@param usagePrice The rate you are charged for each hour for the domain that is using this
reserved instance. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "usagePrice",
 "getterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>\n@return The rate you are charged for each hour for the domain that is using this reserved instance.",

```

```

"getterModel" : {
 "returnType" : "Double",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UsagePrice",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UsagePrice",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "UsagePrice",
"setterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>\n@param usagePrice The rate you are charged for each hour for the domain that is using this reserved instance.",
"setterMethodName" : "setUsagePrice",
"setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "usagePrice",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "usagePrice",
 "variableType" : "Double",
 "documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved

```

```

instance.</p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getCurrencyCode",
 "beanStyleSetterMethodName" : "setCurrencyCode",
 "c2jName" : "CurrencyCode",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #currencyCode(String) }. \n@param currencyCode a consumer that will call methods on { @link String.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #currencyCode(String)",
 "deprecated" : false,
 "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "currencyCode",
 "fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "currencyCode",
 "getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@return The currency code for the reserved Elasticsearch instance offering.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CurrencyCode",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CurrencyCode",

```

```

 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "CurrencyCode",
 "setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param
currencyCode The currency code for the reserved Elasticsearch instance offering.",
 "setterMethodName" : "setCurrencyCode",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "currencyCode",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "currencyCode",
 "variableType" : "String",
 "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchInstanceCount",
 "beanStyleSetterMethodName" : "setElasticsearchInstanceCount",
 "c2jName" : "ElasticsearchInstanceCount",
 "c2jShape" : "Integer",
 "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been
reserved.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchInstanceCount(Integer)}. \n@param elasticsearchInstanceCount a consumer that will call methods on
{ @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #elasticsearchInstanceCount(Integer)",
 "deprecated" : false,
 "documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
 "enumType" : null,

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```

"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchInstanceCount",
"fluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been
reserved.</p>\n@param elasticsearchInstanceCount The number of Elasticsearch instances that have been
reserved.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchInstanceCount",
"getterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@return
The number of Elasticsearch instances that have been reserved.",
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchInstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchInstanceCount",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "ElasticsearchInstanceCount",
"setterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n@param
elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.",
"setterMethodName" : "setElasticsearchInstanceCount",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "elasticsearchInstanceCount",
 "variableType" : "Integer",
 "documentation" : null,

```

```

 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
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 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "elasticsearchInstanceCount",
 "variableType" : "Integer",
 "documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getState",
 "beanStyleSetterMethodName" : "setState",
 "c2jName" : "State",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch
instance.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #state(String)}. \n@param state a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #state(String)",
 "deprecated" : false,
 "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "state",
 "fluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@param state The
state of the reserved Elasticsearch instance. \n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "state",
 "getterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@return The state of the
reserved Elasticsearch instance.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

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 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "State",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "State",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "State",
 "setterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@param state The state of
the reserved Elasticsearch instance.",
 "setterMethodName" : "setState",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "state",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "state",
 "variableType" : "String",
 "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getPaymentOptionAsString",
 "beanStyleSetterMethodName" : "setPaymentOption",
 "c2jName" : "PaymentOption",
 "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
 "defaultConsumerFluentSetterDocumentation" : "<p>The payment option as defined in the reserved

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Elasticsearch instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.</p>\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #paymentOptionAsString(String)}.</p>\n@param paymentOption a consumer that will call methods on { @link String.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained together.</p>\n@see #paymentOption(String)",

"deprecated" : false,

"documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",

"enumType" : "ReservedElasticsearchInstancePaymentOption",

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : "paymentOption",

"fluentEnumSetterMethodName" : "paymentOption",

"fluentGetterMethodName" : "paymentOptionAsString",

"fluentSetterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>\n@param paymentOption The payment option as defined in the reserved Elasticsearch instance offering.</p>\n@see ReservedElasticsearchInstancePaymentOption</p>\n@return Returns a reference to this object so that method calls can be chained together.</p>\n@see ReservedElasticsearchInstancePaymentOption",

"fluentSetterMethodName" : "paymentOption",

"getterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #paymentOption} will return { @link ReservedElasticsearchInstancePaymentOption#UNKNOWN\_TO\_SDK\_VERSION}. The raw value returned by the service is available from { @link #paymentOptionAsString}.</p>\n@return The payment option as defined in the reserved Elasticsearch instance offering.</p>\n@see ReservedElasticsearchInstancePaymentOption",

"getterModel" : {

"returnType" : "String",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "PaymentOption",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "PaymentOption",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

```

"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "PaymentOption",
"setterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>\n@param paymentOption The payment option as defined in the reserved Elasticsearch instance offering.\n@see ReservedElasticsearchInstancePaymentOption",
"setterMethodName" : "setPaymentOption",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "paymentOption",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "paymentOption",
 "variableType" : "String",
 "documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getRecurringCharges",
 "beanStyleSetterMethodName" : "setRecurringCharges",
 "c2jName" : "RecurringCharges",
 "c2jShape" : "RecurringChargeList",
 "defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\nThis is a convenience that creates an instance of the {@link List<RecurringCharge>.Builder} avoiding the need to create one manually via {@link List<RecurringCharge>#builder()}. \n\nWhen the {@link Consumer} completes, {@link List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to {@link #recurringCharges(List<RecurringCharge>)}. \n@param recurringCharges a consumer that will call methods on {@link List<RecurringCharge>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #recurringCharges(List<RecurringCharge>)",
 "deprecated" : false,
 "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringCharges",
"fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "recurringCharges",
"getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return The charge to your account regardless of whether you are creating any domains using the instance offering.",
"getterModel" : {
 "returnType" : "java.util.List<RecurringCharge>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RecurringCharges",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RecurringCharges",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "RecurringCharge",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link RecurringCharge.Builder} avoiding the need to create one manually via { @link RecurringCharge#builder()}. \n\nWhen the { @link Consumer} completes, { @link RecurringCharge.Builder#build()} is called immediately and its result is passed to { @link

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#member(RecurringCharge)}. \n@param member a consumer that will call methods on { @link
RecurringCharge.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(RecurringCharge)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "RecurringCharge",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member The new
value for the Member property for this object.",

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"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "RecurringCharge",
 "variableName" : "member",
 "variableType" : "RecurringCharge",
 "documentation" : null,
 "simpleType" : "RecurringCharge",
 "variableSetterType" : "RecurringCharge"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "RecurringCharge",
 "variableName" : "member",
 "variableType" : "RecurringCharge",
 "documentation" : "",
 "simpleType" : "RecurringCharge",
 "variableSetterType" : "RecurringCharge"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<RecurringCharge>",
 "variableName" : "recurringCharges",
 "variableType" : "java.util.List<RecurringCharge>",
 "documentation" : null,
 "simpleType" : "List<RecurringCharge>",
 "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"simple" : false,

```

```

"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<RecurringCharge>",
 "variableName" : "recurringCharges",
 "variableType" : "java.util.List<RecurringCharge>",
 "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
 "simpleType" : "List<RecurringCharge>",
 "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ReservedElasticsearchInstance",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "ReservedElasticsearchInstance",
 "variableName" : "reservedElasticsearchInstance",
 "variableType" : "ReservedElasticsearchInstance",
 "documentation" : null,
 "simpleType" : "ReservedElasticsearchInstance",
 "variableSetterType" : "ReservedElasticsearchInstance"
},
"wrapper" : false
},
"ReservedElasticsearchInstanceOffering" : {
 "c2jName" : "ReservedElasticsearchInstanceOffering",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Details of a reserved Elasticsearch instance offering.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,

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```

"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "c2jName" : "ReservedElasticsearchInstanceOfferingId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering
identifier.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#reservedElasticsearchInstanceOfferingId(String)}. \n@param reservedElasticsearchInstanceOfferingId a consumer
that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls
can be chained together. \n@see #reservedElasticsearchInstanceOfferingId(String)",
 "deprecated" : false,
 "documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "fluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier. \n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "getterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@return The
Elasticsearch reserved instance offering identifier.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "queryString" : false,
 "statusCode" : false,

```



```

 "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ReservedElasticsearchInstanceOfferingId",
 "setterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.",
 "setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
 "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
 "c2jName" : "ElasticsearchInstanceType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved
instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the
need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchInstanceTypeAsString(String)}. \n@param elasticsearchInstanceType a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #elasticsearchInstanceType(String)",
 "deprecated" : false,
 "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",

```

```

"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "elasticsearchInstanceType",
"fluentEnumSetterMethodName" : "elasticsearchInstanceType",
"fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
"fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
"fluentSetterMethodName" : "elasticsearchInstanceType",
"getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, {@link #elasticsearchInstanceType} will return {@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link #elasticsearchInstanceTypeAsString}.\n</p>\n@return The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchInstanceType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchInstanceType",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchInstanceType",
"setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance

```

```

offering.\n@see ESPartitionInstanceType",
 "setterMethodName" : "setElasticsearchInstanceType",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchInstanceType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchInstanceType",
 "variableType" : "String",
 "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDuration",
 "beanStyleSetterMethodName" : "setDuration",
 "c2jName" : "Duration",
 "c2jShape" : "Integer",
 "defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will
reserve the Elasticsearch instance.</p>\nThis is a convenience that creates an instance of the { @link
Integer.Builder} avoiding the need to create one manually via { @link Integer.Builder#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link
Integer.Builder#duration(Integer)}. \n@param duration a consumer that will call methods on { @link Integer.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #duration(Integer)",
 "deprecated" : false,
 "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "duration",
 "fluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the
Elasticsearch instance.</p>\n@param duration The duration, in seconds, for which the offering will reserve the
Elasticsearch instance. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "duration",
 "getterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>\n@return The duration, in seconds, for which the offering will reserve the Elasticsearch instance.",
 "getterModel" : {

```

```

 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Duration",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Duration",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "Duration",
 "setterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\n@param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.",
 "setterMethodName" : "setDuration",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "duration",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "duration",
 "variableType" : "Integer",
 "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",

```

```

 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getFixedPrice",
 "beanStyleSetterMethodName" : "setFixedPrice",
 "c2jName" : "FixedPrice",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the
specific reserved Elasticsearch instance offering. </p>\nThis is a convenience that creates an instance of the { @link
Double.Builder} avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#fixedPrice(Double)}. \n@param fixedPrice a consumer that will call methods on { @link Double.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #fixedPrice(Double)",
 "deprecated" : false,
 "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch
instance offering. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "fixedPrice",
 "fluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will pay to purchase the
specific reserved Elasticsearch instance offering. \n@return Returns a reference to this object so that method calls
can be chained together.",
 "fluentSetterMethodName" : "fixedPrice",
 "getterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@return The upfront fixed charge you will pay to purchase the specific
reserved Elasticsearch instance offering.",
 "getterModel" : {
 "returnType" : "Double",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "FixedPrice",
 "queryString" : false,

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```

 "statusCode" : false,
 "unmarshallLocationName" : "FixedPrice",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "DOUBLE",
 "name" : "FixedPrice",
 "setterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will pay to purchase the
specific reserved Elasticsearch instance offering.",
 "setterMethodName" : "setFixedPrice",
 "setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "fixedPrice",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "fixedPrice",
 "variableType" : "Double",
 "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch
instance offering. </p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUsagePrice",
 "beanStyleSetterMethodName" : "setUsagePrice",
 "c2jName" : "UsagePrice",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is
using the offering is running.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder}
avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#usagePrice(Double)}. \n@param usagePrice a consumer that will call methods on { @link
Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see

```

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#usagePrice(Double)",
 "deprecated" : false,
 "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "usagePrice",
 "fluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering
is running.</p>\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is
running.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "usagePrice",
 "getterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>\n@return The rate you are charged for each hour the domain that is using the offering is running.",
 "getterModel" : {
 "returnType" : "Double",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UsagePrice",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UsagePrice",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "DOUBLE",
 "name" : "UsagePrice",
 "setterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is
running.",

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```

"setterMethodName" : "setUsagePrice",
"setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "usagePrice",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "usagePrice",
 "variableType" : "Double",
 "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getCurrencyCode",
 "beanStyleSetterMethodName" : "setCurrencyCode",
 "c2jName" : "CurrencyCode",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #currencyCode(String)}. \n@param
currencyCode a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #currencyCode(String)",
 "deprecated" : false,
 "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "currencyCode",
 "fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.\n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "currencyCode",
 "getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@return
The currency code for the reserved Elasticsearch instance offering.",
 "getterModel" : {
 "returnType" : "String",

```



```

"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CurrencyCode",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CurrencyCode",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrencyCode",
"setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param
currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "currencyCode",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "currencyCode",
 "variableType" : "String",
 "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},

```

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 "xmlNamespaceUri" : null
 }, {
 "beanStyleGetterMethodName" : "getPaymentOptionAsString",
 "beanStyleSetterMethodName" : "setPaymentOption",
 "c2jName" : "PaymentOption",
 "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
 "defaultConsumerFluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #paymentOptionAsString(String)}. \n@param paymentOption a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #paymentOption(String)",
 "deprecated" : false,
 "documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
 "enumType" : "ReservedElasticsearchInstancePaymentOption",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "paymentOption",
 "fluentEnumSetterMethodName" : "paymentOption",
 "fluentGetterMethodName" : "paymentOptionAsString",
 "fluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n@param paymentOption Payment option for the reserved Elasticsearch instance offering\n@see ReservedElasticsearchInstancePaymentOption\n@return Returns a reference to this object so that method calls can be chained together.\n@see ReservedElasticsearchInstancePaymentOption",
 "fluentSetterMethodName" : "paymentOption",
 "getterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #paymentOption} will return { @link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #paymentOptionAsString}. \n</p>\n@return Payment option for the reserved Elasticsearch instance offering\n@see ReservedElasticsearchInstancePaymentOption",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "PaymentOption",
 "queryString" : false,
 "statusCode" : false,
 }
}

```

```

 "unmarshallLocationName" : "PaymentOption",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "PaymentOption",
 "setterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n@param
paymentOption Payment option for the reserved Elasticsearch instance offering\n@see
ReservedElasticsearchInstancePaymentOption",
 "setterMethodName" : "setPaymentOption",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "paymentOption",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "paymentOption",
 "variableType" : "String",
 "documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getRecurringCharges",
 "beanStyleSetterMethodName" : "setRecurringCharges",
 "c2jName" : "RecurringCharges",
 "c2jShape" : "RecurringChargeList",
 "defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are
creating any domains using the instance offering.</p>\nThis is a convenience that creates an instance of the { @link
List<RecurringCharge>.Builder} avoiding the need to create one manually via { @link
List<RecurringCharge>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to { @link
#recurringCharges(List<RecurringCharge>)}. \n@param recurringCharges a consumer that will call methods on
{ @link List<RecurringCharge>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #recurringCharges(List<RecurringCharge>)",

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 "deprecated" : false,
 "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "recurringCharges",
 "fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any
domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of
whether you are creating any domains using the instance offering.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "recurringCharges",
 "getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains
using the instance offering.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return The charge to your account regardless of whether you are
creating any domains using the instance offering.",
 "getterModel" : {
 "returnType" : "java.util.List<RecurringCharge>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RecurringCharges",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RecurringCharges",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",

```

```

 "c2jName" : "member",
 "c2jShape" : "RecurringCharge",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link RecurringCharge.Builder} avoiding the need
to create one manually via { @link RecurringCharge#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link RecurringCharge.Builder#build()} is called immediately and its result is passed to { @link
#member(RecurringCharge)}. \n@param member a consumer that will call methods on { @link
RecurringCharge.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(RecurringCharge)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "RecurringCharge",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,

```

```

"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "RecurringCharge",
 "variableName" : "member",
 "variableType" : "RecurringCharge",
 "documentation" : null,
 "simpleType" : "RecurringCharge",
 "variableSetterType" : "RecurringCharge"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "RecurringCharge",
 "variableName" : "member",
 "variableType" : "RecurringCharge",
 "documentation" : "",
 "simpleType" : "RecurringCharge",
 "variableSetterType" : "RecurringCharge"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains
using the instance offering.</p>\n\n@param recurringCharges The charge to your account regardless of whether you
are creating any domains using the instance offering.",
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<RecurringCharge>",
 "variableName" : "recurringCharges",

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```

 "variableType" : "java.util.List<RecurringCharge>",
 "documentation" : null,
 "simpleType" : "List<RecurringCharge>",
 "variableSetterType" : "java.util.Collection<RecurringCharge>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<RecurringCharge>",
 "variableName" : "recurringCharges",
 "variableType" : "java.util.List<RecurringCharge>",
 "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
 "simpleType" : "List<RecurringCharge>",
 "variableSetterType" : "java.util.Collection<RecurringCharge>"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "CurrencyCode" : {
 "beanStyleGetterMethodName" : "getCurrencyCode",
 "beanStyleSetterMethodName" : "setCurrencyCode",
 "c2jName" : "CurrencyCode",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch
instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the
need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link #currencyCode(String) }. \n@param
currencyCode a consumer that will call methods on { @link String.Builder } \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #currencyCode(String)",
 "deprecated" : false,
 "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "currencyCode",
 "fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering. \n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "currencyCode",
 "getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\n@return The currency code for the reserved Elasticsearch instance offering.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
 },

```

```

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CurrencyCode",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CurrencyCode",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrencyCode",
"setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "currencyCode",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "currencyCode",
 "variableType" : "String",
 "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},

```



```

"Duration" : {
 "beanStyleGetterMethodName" : "getDuration",
 "beanStyleSetterMethodName" : "setDuration",
 "c2jName" : "Duration",
 "c2jShape" : "Integer",
 "defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will
reserve the Elasticsearch instance.</p>\nThis is a convenience that creates an instance of the { @link
Integer.Builder} avoiding the need to create one manually via { @link Integer.Builder#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link
#duration(Integer)}. \n@param duration a consumer that will call methods on { @link Integer.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #duration(Integer)",
 "deprecated" : false,
 "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "duration",
 "fluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the
Elasticsearch instance.</p>\n@param duration The duration, in seconds, for which the offering will reserve the
Elasticsearch instance.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "duration",
 "getterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>\n@return The duration, in seconds, for which the offering will reserve the Elasticsearch instance.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Duration",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Duration",
 "uri" : false
},
},
"idempotencyToken" : false,
"isBinary" : false,

```

```

"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Duration",
"setterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>\n@param duration The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.",
"setterMethodName" : "setDuration",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "duration",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "duration",
 "variableType" : "Integer",
 "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"ElasticsearchInstanceType" : {
 "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
 "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
 "c2jName" : "ElasticsearchInstanceType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved
instance offering.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the
need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link
#elasticsearchInstanceTypeAsString(String)}. \n@param elasticsearchInstanceType a consumer that will call
methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #elasticsearchInstanceType(String)",
 "deprecated" : false,
 "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,

```

```

 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "elasticsearchInstanceType",
 "fluentEnumSetterMethodName" : "elasticsearchInstanceType",
 "fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
 "fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
 "fluentSetterMethodName" : "elasticsearchInstanceType",
 "getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, {@link #elasticsearchInstanceType} will return {@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link #elasticsearchInstanceTypeAsString}.\n</p>\n@return The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchInstanceType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchInstanceType",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "ElasticsearchInstanceType",
 "setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
 "setterMethodName" : "setElasticsearchInstanceType",

```

```

"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchInstanceType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchInstanceType",
 "variableType" : "String",
 "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"FixedPrice" : {
 "beanStyleGetterMethodName" : "getFixedPrice",
 "beanStyleSetterMethodName" : "setFixedPrice",
 "c2jName" : "FixedPrice",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>\nThis is a convenience that creates an instance of the { @link Double.Builder } avoiding the need to create one manually via { @link Double.Builder#builder() }. \n\nWhen the { @link Consumer } completes, { @link Double.Builder#build() } is called immediately and its result is passed to { @link #fixedPrice(Double) }. \n@param fixedPrice a consumer that will call methods on { @link Double.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #fixedPrice(Double)",
 "deprecated" : false,
 "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "fixedPrice",
 "fluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "fixedPrice",
 "getterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>\n@return The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.",

```

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"getterModel" : {
 "returnType" : "Double",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "FixedPrice",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "FixedPrice",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "FixedPrice",
"setterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will pay to purchase the
specific reserved Elasticsearch instance offering.",
"setterMethodName" : "setFixedPrice",
"setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "fixedPrice",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "fixedPrice",
 "variableType" : "Double",
 "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch

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instance offering. </p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "xmlNamespaceUri" : null
},
"PaymentOption" : {
 "beanStyleGetterMethodName" : "getPaymentOptionAsString",
 "beanStyleSetterMethodName" : "setPaymentOption",
 "c2jName" : "PaymentOption",
 "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
 "defaultConsumerFluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance
offering</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#paymentOptionAsString(String)}. \n@param paymentOption a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#paymentOption(String)",
 "deprecated" : false,
 "documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
 "enumType" : "ReservedElasticsearchInstancePaymentOption",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "paymentOption",
 "fluentEnumSetterMethodName" : "paymentOption",
 "fluentGetterMethodName" : "paymentOptionAsString",
 "fluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance
offering</p>\n@param paymentOption Payment option for the reserved Elasticsearch instance offering\n@see
ReservedElasticsearchInstancePaymentOption\n@return Returns a reference to this object so that method calls can
be chained together.\n@see ReservedElasticsearchInstancePaymentOption",
 "fluentSetterMethodName" : "paymentOption",
 "getterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n<p>\nIf
the service returns an enum value that is not available in the current SDK version, { @link #paymentOption} will
return { @link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION}. The raw value
returned by the service is available from { @link #paymentOptionAsString}. \n</p>\n@return Payment option for the
reserved Elasticsearch instance offering\n@see ReservedElasticsearchInstancePaymentOption",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

```

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"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "PaymentOption",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "PaymentOption",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "PaymentOption",
"setterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n@param
paymentOption Payment option for the reserved Elasticsearch instance offering\n@see
ReservedElasticsearchInstancePaymentOption",
"setterMethodName" : "setPaymentOption",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "paymentOption",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "paymentOption",
 "variableType" : "String",
 "documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"RecurringCharges" : {
 "beanStyleGetterMethodName" : "getRecurringCharges",
 "beanStyleSetterMethodName" : "setRecurringCharges",
 "c2jName" : "RecurringCharges",
 "c2jShape" : "RecurringChargeList",
 "defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you
are creating any domains using the instance offering.</p>\nThis is a convenience that creates an instance of the

```

```

{ @link List<RecurringCharge>.Builder} avoiding the need to create one manually via { @link
List<RecurringCharge>#builder()}.
When the { @link Consumer} completes, { @link
List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to { @link
#recurringCharges(List<RecurringCharge>)}.
@param recurringCharges a consumer that will call methods on
{ @link List<RecurringCharge>.Builder}
@return Returns a reference to this object so that method calls can be
chained together.
@see #recurringCharges(List<RecurringCharge>)",
 "deprecated" : false,
 "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "recurringCharges",
 "fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any
domains using the instance offering.</p>
@param recurringCharges The charge to your account regardless of
whether you are creating any domains using the instance offering.
@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "recurringCharges",
 "getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains
using the instance offering.</p>
Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.
@return The charge to your account regardless of whether you are
creating any domains using the instance offering.",
 "getterModel" : {
 "returnType" : "java.util.List<RecurringCharge>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RecurringCharges",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RecurringCharges",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,

```



```

"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "RecurringCharge",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link RecurringCharge.Builder} avoiding the need
to create one manually via { @link RecurringCharge.Builder}. \n\nWhen the { @link Consumer} completes,
{ @link RecurringCharge.Builder#build()} is called immediately and its result is passed to { @link
#member(RecurringCharge)}. \n@param member a consumer that will call methods on { @link
RecurringCharge.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(RecurringCharge)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "RecurringCharge",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 }
}

```

```

 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "RecurringCharge",
 "variableName" : "member",
 "variableType" : "RecurringCharge",
 "documentation" : null,
 "simpleType" : "RecurringCharge",
 "variableSetterType" : "RecurringCharge"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "RecurringCharge",
 "variableName" : "member",
 "variableType" : "RecurringCharge",
 "documentation" : "",
 "simpleType" : "RecurringCharge",
 "variableSetterType" : "RecurringCharge"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains

```

using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",

```
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<RecurringCharge>",
 "variableName" : "recurringCharges",
 "variableType" : "java.util.List<RecurringCharge>",
 "documentation" : null,
 "simpleType" : "List<RecurringCharge>",
 "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<RecurringCharge>",
 "variableName" : "recurringCharges",
 "variableType" : "java.util.List<RecurringCharge>",
 "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
 "simpleType" : "List<RecurringCharge>",
 "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"xmlNamespaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "c2jName" : "ReservedElasticsearchInstanceOfferingId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. \n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstanceOfferingId(String)",
 "deprecated" : false,
 "documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
 "fluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
```

```

"getterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@return The
Elasticsearch reserved instance offering identifier.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@param
reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",

```

```

"documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"UsagePrice" : {
"beanStyleGetterMethodName" : "getUsagePrice",
"beanStyleSetterMethodName" : "setUsagePrice",
"c2jName" : "UsagePrice",
"c2jShape" : "Double",
"defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is
using the offering is running.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder}
avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#usagePrice(Double)}. \n@param usagePrice a consumer that will call methods on { @link
Double.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#usagePrice(Double)",
"deprecated" : false,
"documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "usagePrice",
"fluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the
offering is running.</p>\n@param usagePrice The rate you are charged for each hour the domain that is using the
offering is running.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "usagePrice",
"getterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>\n@return The rate you are charged for each hour the domain that is using the offering is running.",
"getterModel" : {
"returnType" : "Double",
"documentation" : null
},
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UsagePrice",

```

```

 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UsagePrice",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "DOUBLE",
 "name" : "UsagePrice",
 "setterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is running.",
 "setterMethodName" : "setUsagePrice",
 "setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "usagePrice",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "usagePrice",
 "variableType" : "Double",
 "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "c2jName" : "ReservedElasticsearchInstanceOfferingId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link

```

String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}.  
@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on { @link String.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #reservedElasticsearchInstanceOfferingId(String)",

```
"deprecated" : false,
"documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@return The Elasticsearch reserved instance offering identifier.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>\n@param
```

```

reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.",
 "setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
 "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
 "c2jName" : "ElasticsearchInstanceType",
 "c2jShape" : "ESPartitionInstanceType",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchInstanceTypeAsString(String)}. \n@param elasticsearchInstanceType a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchInstanceType(String)",
 "deprecated" : false,
 "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
 "enumType" : "ESPartitionInstanceType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "elasticsearchInstanceType",
 "fluentEnumSetterMethodName" : "elasticsearchInstanceType",
 "fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
 "fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
 "fluentSetterMethodName" : "elasticsearchInstanceType",
 "getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link

```



#elasticsearchInstanceType} will return {@link ESPartitionInstanceType#UNKNOWN\_TO\_SDK\_VERSION}.

The raw value returned by the service is available from {@link

#elasticsearchInstanceTypeAsString}.

@return The Elasticsearch instance type offered by the reserved instance offering.

@see ESPartitionInstanceType",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchInstanceType",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchInstanceType",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchInstanceType",
"setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
"setterMethodName" : "setElasticsearchInstanceType",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchInstanceType",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
```

```

 "variableDeclarationType" : "String",
 "variableName" : "elasticsearchInstanceType",
 "variableType" : "String",
 "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDuration",
 "beanStyleSetterMethodName" : "setDuration",
 "c2jName" : "Duration",
 "c2jShape" : "Integer",
 "defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer.Builder#builder()}. \n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link Integer.Builder#duration(Integer)}. \n@param duration a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #duration(Integer)",
 "deprecated" : false,
 "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "duration",
 "fluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\n@param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "duration",
 "getterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\n@return The duration, in seconds, for which the offering will reserve the Elasticsearch instance.",
 "getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",

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 "marshallLocationName" : "Duration",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Duration",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "Duration",
 "setterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>\n@param duration The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.",
 "setterMethodName" : "setDuration",
 "setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "duration",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "duration",
 "variableType" : "Integer",
 "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getFixedPrice",
 "beanStyleSetterMethodName" : "setFixedPrice",
 "c2jName" : "FixedPrice",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the
specific reserved Elasticsearch instance offering. </p>\nThis is a convenience that creates an instance of the {@link
Double.Builder} avoiding the need to create one manually via {@link Double.Builder}.\n\nWhen the {@link
Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link

```

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#fixedPrice(Double)}. \n@param fixedPrice a consumer that will call methods on { @link Double.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #fixedPrice(Double)",
 "deprecated" : false,
 "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch
instance offering. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "fixedPrice",
 "fluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will pay to purchase the
specific reserved Elasticsearch instance offering. \n@return Returns a reference to this object so that method calls
can be chained together.",
 "fluentSetterMethodName" : "fixedPrice",
 "getterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@return The upfront fixed charge you will pay to purchase the specific
reserved Elasticsearch instance offering.",
 "getterModel" : {
 "returnType" : "Double",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "FixedPrice",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "FixedPrice",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "DOUBLE",
 "name" : "FixedPrice",

```

```

"setterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved
Elasticsearch instance offering. </p>\n@param fixedPrice The upfront fixed charge you will pay to purchase the
specific reserved Elasticsearch instance offering.",
"setterMethodName" : "setFixedPrice",
"setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "fixedPrice",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "fixedPrice",
 "variableType" : "Double",
 "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch
instance offering. </p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUsagePrice",
 "beanStyleSetterMethodName" : "setUsagePrice",
 "c2jName" : "UsagePrice",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is
using the offering is running.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder}
avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#usagePrice(Double)}. \n@param usagePrice a consumer that will call methods on { @link
Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#usagePrice(Double)",
 "deprecated" : false,
 "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "usagePrice",
 "fluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering
is running.</p>\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is
running. \n@return Returns a reference to this object so that method calls can be chained together.",

```

```

"fluentSetterMethodName" : "usagePrice",
"getterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>\n@return The rate you are charged for each hour the domain that is using the offering is running.",
"getterModel" : {
 "returnType" : "Double",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UsagePrice",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UsagePrice",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "UsagePrice",
"setterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is
running.",
"setterMethodName" : "setUsagePrice",
"setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "usagePrice",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Double",

```

```

 "variableName" : "usagePrice",
 "variableType" : "Double",
 "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is
running.</p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getCurrencyCode",
 "beanStyleSetterMethodName" : "setCurrencyCode",
 "c2jName" : "CurrencyCode",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #currencyCode(String)}. \n@param
currencyCode a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #currencyCode(String)",
 "deprecated" : false,
 "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "currencyCode",
 "fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.\n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "currencyCode",
 "getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@return
The currency code for the reserved Elasticsearch instance offering.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CurrencyCode",

```

```

 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CurrencyCode",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "CurrencyCode",
 "setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n@param
currencyCode The currency code for the reserved Elasticsearch instance offering.",
 "setterMethodName" : "setCurrencyCode",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "currencyCode",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "currencyCode",
 "variableType" : "String",
 "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getPaymentOptionAsString",
 "beanStyleSetterMethodName" : "setPaymentOption",
 "c2jName" : "PaymentOption",
 "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
 "defaultConsumerFluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance
offering</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#paymentOptionAsString(String)}. \n@param paymentOption a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#paymentOption(String)",

```



```

"deprecated" : false,
"documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
"enumType" : "ReservedElasticsearchInstancePaymentOption",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "paymentOption",
"fluentEnumSetterMethodName" : "paymentOption",
"fluentGetterMethodName" : "paymentOptionAsString",
"fluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance
offering</p>\n@param paymentOption Payment option for the reserved Elasticsearch instance offering\n@see
ReservedElasticsearchInstancePaymentOption\n@return Returns a reference to this object so that method calls can
be chained together.\n@see ReservedElasticsearchInstancePaymentOption",
"fluentSetterMethodName" : "paymentOption",
"getterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n<p>\nIf the
service returns an enum value that is not available in the current SDK version, { @link #paymentOption} will return
{ @link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION}. The raw value
returned by the service is available from { @link #paymentOptionAsString}.\n</p>\n@return Payment option for the
reserved Elasticsearch instance offering\n@see ReservedElasticsearchInstancePaymentOption",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "PaymentOption",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "PaymentOption",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "PaymentOption",
"setterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>\n@param

```

paymentOption Payment option for the reserved Elasticsearch instance offering\n@see

```
ReservedElasticsearchInstancePaymentOption",
 "setterMethodName" : "setPaymentOption",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "paymentOption",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "paymentOption",
 "variableType" : "String",
 "documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getRecurringCharges",
 "beanStyleSetterMethodName" : "setRecurringCharges",
 "c2jName" : "RecurringCharges",
 "c2jShape" : "RecurringChargeList",
 "defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\nThis is a convenience that creates an instance of the { @link List<RecurringCharge>.Builder} avoiding the need to create one manually via { @link List<RecurringCharge>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to { @link #recurringCharges(List<RecurringCharge>)}.\n@param recurringCharges a consumer that will call methods on { @link List<RecurringCharge>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #recurringCharges(List<RecurringCharge>)",
 "deprecated" : false,
 "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "recurringCharges",
 "fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.\n@return Returns a reference to this object so that method calls can be chained together.",
```

```

"fluentSetterMethodName" : "recurringCharges",
"getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return The charge to your account regardless of whether you are creating any domains using the instance offering.",
"getterModel" : {
 "returnType" : "java.util.List<RecurringCharge>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RecurringCharges",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RecurringCharges",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "RecurringCharge",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link RecurringCharge.Builder} avoiding the need to create one manually via { @link RecurringCharge#builder()}. \n\nWhen the { @link Consumer} completes, { @link RecurringCharge.Builder#build()} is called immediately and its result is passed to { @link #member(RecurringCharge)}. \n@param member a consumer that will call methods on { @link RecurringCharge.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(RecurringCharge)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,

```

```

 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "RecurringCharge",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "RecurringCharge",
 "variableName" : "member",
 "variableType" : "RecurringCharge",
 "documentation" : null,
 "simpleType" : "RecurringCharge",

```

```

 "variableSetterType" : "RecurringCharge"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "RecurringCharge",
 "variableName" : "member",
 "variableType" : "RecurringCharge",
 "documentation" : "",
 "simpleType" : "RecurringCharge",
 "variableSetterType" : "RecurringCharge"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<RecurringCharge>",
 "variableName" : "recurringCharges",
 "variableType" : "java.util.List<RecurringCharge>",
 "documentation" : null,
 "simpleType" : "List<RecurringCharge>",
 "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<RecurringCharge>",
 "variableName" : "recurringCharges",
 "variableType" : "java.util.List<RecurringCharge>",
 "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",

```

```

 "simpleType" : "List<RecurringCharge>",
 "variableSetterType" : "java.util.Collection<RecurringCharge>"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ReservedElasticsearchInstanceOffering",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
 "variableName" : "reservedElasticsearchInstanceOffering",
 "variableType" : "ReservedElasticsearchInstanceOffering",
 "documentation" : null,
 "simpleType" : "ReservedElasticsearchInstanceOffering",
 "variableSetterType" : "ReservedElasticsearchInstanceOffering"
},
"wrapper" : false
},
"ReservedElasticsearchInstancePaymentOption" : {
 "c2jName" : "ReservedElasticsearchInstancePaymentOption",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "",
 "enums" : [{
 "name" : "ALL_UPFRONT",
 "value" : "ALL_UPFRONT"
 }, {
 "name" : "PARTIAL_UPFRONT",
 "value" : "PARTIAL_UPFRONT"
 }, {
 "name" : "NO_UPFRONT",
 "value" : "NO_UPFRONT"
 }],
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,

```

```

"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [],
"membersAsMap" : { },
"nonStreamingMembers" : [],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ReservedElasticsearchInstancePaymentOption",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "ReservedElasticsearchInstancePaymentOption",
 "variableName" : "reservedElasticsearchInstancePaymentOption",
 "variableType" : "ReservedElasticsearchInstancePaymentOption",
 "documentation" : null,
 "simpleType" : "ReservedElasticsearchInstancePaymentOption",
 "variableSetterType" : "ReservedElasticsearchInstancePaymentOption"
},
"wrapper" : false
},
"ResourceAlreadyExistsException" : {
 "c2jName" : "ResourceAlreadyExistsException",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>An exception for creating a resource that already exists. Gives http status code of 400.</p>",
 "enums" : null,
 "errorCode" : "ResourceAlreadyExistsException",
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,

```

```

"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : 409,
"marshaller" : null,
"members" : [],
"membersAsMap" : { },
"nonStreamingMembers" : [],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ResourceAlreadyExistsException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "ResourceAlreadyExistsException",
 "variableName" : "resourceAlreadyExistsException",
 "variableType" : "ResourceAlreadyExistsException",
 "documentation" : null,
 "simpleType" : "ResourceAlreadyExistsException",
 "variableSetterType" : "ResourceAlreadyExistsException"
},
"wrapper" : false
},
"ResourceNotFoundException" : {
 "c2jName" : "ResourceNotFoundException",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
 "enums" : null,
 "errorCode" : "ResourceNotFoundException",
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : 409,
 "marshaller" : null,
 "members" : [],
 "membersAsMap" : { },

```



```

"nonStreamingMembers" : [],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ResourceNotFoundException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "ResourceNotFoundException",
 "variableName" : "resourceNotFoundException",
 "variableType" : "ResourceNotFoundException",
 "documentation" : null,
 "simpleType" : "ResourceNotFoundException",
 "variableSetterType" : "ResourceNotFoundException"
},
"wrapper" : false
},
"ServiceSoftwareOptions" : {
 "c2jName" : "ServiceSoftwareOptions",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The current options of an Elasticsearch domain service software options.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getCurrentVersion",
 "beanStyleSetterMethodName" : "setCurrentVersion",
 "c2jName" : "CurrentVersion",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current service software version that is present on the domain.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #currentVersion(String)}. \n@param

```

```

currentVersion a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #currentVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>The current service software version that is present on the domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "currentVersion",
 "fluentSetterDocumentation" : "<p>The current service software version that is present on the
domain.</p>\n@param currentVersion The current service software version that is present on the domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "currentVersion",
 "getterDocumentation" : "<p>The current service software version that is present on the domain.</p>\n@return
The current service software version that is present on the domain.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CurrentVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CurrentVersion",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "CurrentVersion",
 "setterDocumentation" : "<p>The current service software version that is present on the domain.</p>\n@param
currentVersion The current service software version that is present on the domain.",
 "setterMethodName" : "setCurrentVersion",

```

```

"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "currentVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "currentVersion",
 "variableType" : "String",
 "documentation" : "<p>The current service software version that is present on the domain.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNewVersion",
 "beanStyleSetterMethodName" : "setNewVersion",
 "c2jName" : "NewVersion",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The new service software version if one is
available.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #newVersion(String)}. \n@param
newVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #newVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>The new service software version if one is available.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "newVersion",
 "fluentSetterDocumentation" : "<p>The new service software version if one is available.</p>\n@param
newVersion The new service software version if one is available.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "newVersion",
 "getterDocumentation" : "<p>The new service software version if one is available.</p>\n@return The new
service software version if one is available.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},

```

```

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NewVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NewVersion",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NewVersion",
"setterDocumentation" : "<p>The new service software version if one is available.</p>\n@param newVersion
The new service software version if one is available.",
"setterMethodName" : "setNewVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "newVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "newVersion",
 "variableType" : "String",
 "documentation" : "<p>The new service software version if one is available.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {

```

```

"beanStyleGetterMethodName" : "getUpdateAvailable",
"beanStyleSetterMethodName" : "setUpdateAvailable",
"c2jName" : "UpdateAvailable",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service
software version. <code>False</code> if you are not able to update your service software version. </p>\nThis is a
convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via
{ @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called
immediately and its result is passed to { @link #updateAvailable(Boolean)}. \n@param updateAvailable a consumer
that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls
can be chained together. \n@see #updateAvailable(Boolean)",
"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateAvailable",
"fluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>\n@param updateAvailable
True</code> if you are able to update you service software version. <code>False\n@return Returns a reference to
this object so that method calls can be chained together.",
"fluentSetterMethodName" : "updateAvailable",
"getterDocumentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>\n@return True</code> if you
are able to update you service software version. <code>False",
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpdateAvailable",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpdateAvailable",
 "uri" : false
},

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpdateAvailable",
"setterDocumentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>\n@param updateAvailable
True</code> if you are able to update you service software version. <code>False</code>",
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "updateAvailable",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "updateAvailable",
 "variableType" : "Boolean",
 "documentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getCancellable",
 "beanStyleSetterMethodName" : "setCancellable",
 "c2jName" : "Cancellable",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service
software version update. <code>False</code> if you are not able to cancel your service software version.
</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one
manually via { @link Boolean.Builder}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #cancellable(Boolean)}. \n@param
cancellable a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #cancellable(Boolean)",
 "deprecated" : false,
 "documentation" : "<p><code>True</code> if you are able to cancel your service software version update.
<code>False</code> if you are not able to cancel your service software version. </p>",

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cancellable",
"fluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@param cancellable
True</code> if you are able to cancel your service software version update. <code>False\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "cancellable",
"getterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@return
True</code> if you are able to cancel your service software version update. <code>False",
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
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 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Cancellable",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Cancellable",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Cancellable",
"setterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@param cancellable
True</code> if you are able to cancel your service software version update. <code>False",
"setterMethodName" : "setCancellable",
"setterModel" : {

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 "variableDeclarationType" : "Boolean",
 "variableName" : "cancellable",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "cancellable",
 "variableType" : "Boolean",
 "documentation" : "<p><code>True</code> if you are able to cancel your service software version update.
<code>False</code> if you are not able to cancel your service software version. </p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpdateStatusAsString",
 "beanStyleSetterMethodName" : "setUpdateStatus",
 "c2jName" : "UpdateStatus",
 "c2jShape" : "DeploymentStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of your service software update. This field can
take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>,
<code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #updateStatusAsString(String)}. \n@param updateStatus a consumer
that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls
can be chained together.\n@see #updateStatus(String)",
 "deprecated" : false,
 "documentation" : "<p>The status of your service software update. This field can take the following values:
<code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>",
 "enumType" : "DeploymentStatus",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "updateStatus",
 "fluentEnumSetterMethodName" : "updateStatus",
 "fluentGetterMethodName" : "updateStatusAsString",
 "fluentSetterDocumentation" : "<p>The status of your service software update. This field can take the following
values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n@param updateStatus The status of
your service software update. This field can take the following values: <code>ELIGIBLE</code>,
<code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and
<code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus\n@return Returns a reference to this object so that

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method calls can be chained together.\n@see DeploymentStatus",

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"fluentSetterMethodName" : "updateStatus",
```

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"getterDocumentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #updateStatus } will return { @link DeploymentStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #updateStatusAsString}.\n</p>\n@return The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus",
```

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"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
```

```
"http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpdateStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpdateStatus",
 "uri" : false
},
```

```
"idempotencyToken" : false,
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"isBinary" : false,
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"jsonValue" : false,
```

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"list" : false,
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"listModel" : null,
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"map" : false,
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"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "UpdateStatus",
```

```
"setterDocumentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n@param updateStatus The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus",
```

```
"setterMethodName" : "setUpdateStatus",
```

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"setterModel" : {
```

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 "variableDeclarationType" : "String",
 "variableName" : "updateStatus",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "updateStatus",
 "variableType" : "String",
 "documentation" : "<p>The status of your service software update. This field can take the following values:
<code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDescription",
 "beanStyleSetterMethodName" : "setDescription",
 "c2jName" : "Description",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The description of the
<code>UpdateStatus</code>.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#description(String)}. \n@param description a consumer that will call methods on { @link String.Builder}\n@return
Returns a reference to this object so that method calls can be chained together.\n@see #description(String)",
 "deprecated" : false,
 "documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "description",
 "fluentSetterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@param
description The description of the <code>UpdateStatus</code>.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "description",
 "getterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@return The
description of the <code>UpdateStatus</code>.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
}

```

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 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Description",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Description",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Description",
 "setterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@param description
The description of the <code>UpdateStatus</code>.",
 "setterMethodName" : "setDescription",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "description",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "description",
 "variableType" : "String",
 "documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null

```

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}, {
 "beanStyleGetterMethodName" : "getAutomatedUpdateDate",
 "beanStyleSetterMethodName" : "setAutomatedUpdateDate",
 "c2jName" : "AutomatedUpdateDate",
 "c2jShape" : "DeploymentCloseDateTimeStamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually
request a service software update. After this date, we automatically update your service software.</p>\nThis is a
convenience that creates an instance of the { @link Instant.Builder} avoiding the need to create one manually via
{ @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link Instant.Builder#build()} is called
immediately and its result is passed to { @link #automatedUpdateDate(Instant)}. \n@param automatedUpdateDate a
consumer that will call methods on { @link Instant.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #automatedUpdateDate(Instant)",
 "deprecated" : false,
 "documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software
update. After this date, we automatically update your service software.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "automatedUpdateDate",
 "fluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service
software update. After this date, we automatically update your service software.</p>\n@param
automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update.
After this date, we automatically update your service software. \n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "automatedUpdateDate",
 "getterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service
software update. After this date, we automatically update your service software.</p>\n@return Timestamp, in Epoch
time, until which you can manually request a service software update. After this date, we automatically update your
service software.",
 "getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AutomatedUpdateDate",
 "queryString" : false,
 "statusCode" : false,

```

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 "unmarshallLocationName" : "AutomatedUpdateDate",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INSTANT",
 "name" : "AutomatedUpdateDate",
 "setterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>\n@param automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.",
 "setterMethodName" : "setAutomatedUpdateDate",
 "setterModel" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "automatedUpdateDate",
 "variableType" : "java.time.Instant",
 "documentation" : null,
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "automatedUpdateDate",
 "variableType" : "java.time.Instant",
 "documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "AutomatedUpdateDate" : {
 "beanStyleGetterMethodName" : "getAutomatedUpdateDate",
 "beanStyleSetterMethodName" : "setAutomatedUpdateDate",
 "c2jName" : "AutomatedUpdateDate",
 "c2jShape" : "DeploymentCloseDateTimeStamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link

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Instant.Builder#build()) is called immediately and its result is passed to { @link #automatedUpdateDate(Instant)}.  
 @param automatedUpdateDate a consumer that will call methods on { @link Instant.Builder}  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see #automatedUpdateDate(Instant)",

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 "deprecated" : false,
 "documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "automatedUpdateDate",
 "fluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>\n@param automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "automatedUpdateDate",
 "getterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>\n@return Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.",
 "getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
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 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AutomatedUpdateDate",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AutomatedUpdateDate",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,

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"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "AutomatedUpdateDate",
"setterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service
software update. After this date, we automatically update your service software.</p>\n@param
automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update.
After this date, we automatically update your service software.",
"setterMethodName" : "setAutomatedUpdateDate",
"setterModel" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "automatedUpdateDate",
 "variableType" : "java.time.Instant",
 "documentation" : null,
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "automatedUpdateDate",
 "variableType" : "java.time.Instant",
 "documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software
update. After this date, we automatically update your service software.</p>",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
},
"Cancellable" : {
 "beanStyleGetterMethodName" : "getCancellable",
 "beanStyleSetterMethodName" : "setCancellable",
 "c2jName" : "Cancellable",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your
service software version update. <code>False</code> if you are not able to cancel your service software version.
</p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one
manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link #cancellable(Boolean)}. \n@param
cancellable a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #cancellable(Boolean)",
 "deprecated" : false,
 "documentation" : "<p><code>True</code> if you are able to cancel your service software version update.
<code>False</code> if you are not able to cancel your service software version. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cancellable",
"fluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@param cancellable
True</code> if you are able to cancel your service software version update. <code>False\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "cancellable",
"getterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@return
True</code> if you are able to cancel your service software version update. <code>False",
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Cancellable",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Cancellable",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Cancellable",
"setterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@param cancellable
True</code> if you are able to cancel your service software version update. <code>False",
"setterMethodName" : "setCancellable",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "cancellable",
 "variableType" : "Boolean",

```



```

 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "cancellable",
 "variableType" : "Boolean",
 "documentation" : "<p><code>True</code> if you are able to cancel your service software version update.
<code>False</code> if you are not able to cancel your service software version. </p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
},
"CurrentVersion" : {
 "beanStyleGetterMethodName" : "getCurrentVersion",
 "beanStyleSetterMethodName" : "setCurrentVersion",
 "c2jName" : "CurrentVersion",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current service software version that is present on
the domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #currentVersion(String)}. \n@param
currentVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together. \n@see #currentVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>The current service software version that is present on the domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "currentVersion",
 "fluentSetterDocumentation" : "<p>The current service software version that is present on the
domain.</p>\n@param currentVersion The current service software version that is present on the domain. \n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "currentVersion",
 "getterDocumentation" : "<p>The current service software version that is present on the
domain.</p>\n@return The current service software version that is present on the domain.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,

```

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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CurrentVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CurrentVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrentVersion",
"setterDocumentation" : "<p>The current service software version that is present on the
domain.</p>\n@param currentVersion The current service software version that is present on the domain.",
"setterMethodName" : "setCurrentVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "currentVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "currentVersion",
 "variableType" : "String",
 "documentation" : "<p>The current service software version that is present on the domain.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"Description" : {
 "beanStyleGetterMethodName" : "getDescription",

```

```

"beanStyleSetterMethodName" : "setDescription",
"c2jName" : "Description",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The description of the
<code>UpdateStatus</code>.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#description(String)}. \n@param description a consumer that will call methods on { @link String.Builder} \n@return
Returns a reference to this object so that method calls can be chained together. \n@see #description(String)",
"deprecated" : false,
"documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "description",
"fluentSetterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@param
description The description of the <code>UpdateStatus</code>. \n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "description",
"getterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@return The
description of the <code>UpdateStatus</code>.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Description",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Description",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,

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"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Description",
"setterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@param description
The description of the <code>UpdateStatus</code>.",
"setterMethodName" : "setDescription",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "description",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "description",
 "variableType" : "String",
 "documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"NewVersion" : {
 "beanStyleGetterMethodName" : "getNewVersion",
 "beanStyleSetterMethodName" : "setNewVersion",
 "c2jName" : "NewVersion",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The new service software version if one is
available.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #newVersion(String)}. \n@param
newVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #newVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>The new service software version if one is available.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "newVersion",
 "fluentSetterDocumentation" : "<p>The new service software version if one is available.</p>\n@param
newVersion The new service software version if one is available.\n@return Returns a reference to this object so that

```

```

method calls can be chained together.",
 "fluentSetterMethodName" : "newVersion",
 "getterDocumentation" : "<p>The new service software version if one is available.</p>\n@return The new
service software version if one is available.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NewVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NewVersion",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NewVersion",
 "setterDocumentation" : "<p>The new service software version if one is available.</p>\n@param newVersion
The new service software version if one is available.",
 "setterMethodName" : "setNewVersion",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "newVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",

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 "variableName" : "newVersion",
 "variableType" : "String",
 "documentation" : "<p>The new service software version if one is available.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"UpdateAvailable" : {
 "beanStyleGetterMethodName" : "getUpdateAvailable",
 "beanStyleSetterMethodName" : "setUpdateAvailable",
 "c2jName" : "UpdateAvailable",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service
software version. <code>False</code> if you are not able to update your service software version. </p>\nThis is a
convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via
{ @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called
immediately and its result is passed to { @link #updateAvailable(Boolean)}. \n@param updateAvailable a consumer
that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that method calls
can be chained together.\n@see #updateAvailable(Boolean)",
 "deprecated" : false,
 "documentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "updateAvailable",
 "fluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software
version. <code>False</code> if you are not able to update your service software version. </p>\n@param
updateAvailable True</code> if you are able to update you service software version. <code>False\n@return Returns
a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "updateAvailable",
 "getterDocumentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>\n@return True</code> if you
are able to update you service software version. <code>False",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

```

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 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpdateAvailable",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpdateAvailable",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "BOOLEAN",
 "name" : "UpdateAvailable",
 "setterDocumentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>\n@param updateAvailable
True</code> if you are able to update you service software version. <code>False",
 "setterMethodName" : "setUpdateAvailable",
 "setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "updateAvailable",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "updateAvailable",
 "variableType" : "Boolean",
 "documentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
},
"UpdateStatus" : {
 "beanStyleGetterMethodName" : "getUpdateStatusAsString",
 "beanStyleSetterMethodName" : "setUpdateStatus",
 "c2jName" : "UpdateStatus",
 "c2jShape" : "DeploymentStatus",

```

"defaultConsumerFluentSetterDocumentation" : "<p>The status of your service software update. This field can take the following values: `ELIGIBLE`, `PENDING_UPDATE`, `IN_PROGRESS`, `COMPLETED`, and `NOT_ELIGIBLE`.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #updateStatusAsString(String)}. \n@param updateStatus a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #updateStatus(String)",

"deprecated" : false,

"documentation" : "<p>The status of your service software update. This field can take the following values: `ELIGIBLE`, `PENDING_UPDATE`, `IN_PROGRESS`, `COMPLETED`, and `NOT_ELIGIBLE`.</p>",

"enumType" : "DeploymentStatus",

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : "updateStatus",

"fluentEnumSetterMethodName" : "updateStatus",

"fluentGetterMethodName" : "updateStatusAsString",

"fluentSetterDocumentation" : "<p>The status of your service software update. This field can take the following values: `ELIGIBLE`, `PENDING_UPDATE`, `IN_PROGRESS`, `COMPLETED`, and `NOT_ELIGIBLE`.</p>\n@param updateStatus The status of your service software update. This field can take the following values: `ELIGIBLE`, `PENDING_UPDATE`, `IN_PROGRESS`, `COMPLETED`, and `NOT_ELIGIBLE`. \n@see DeploymentStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see DeploymentStatus",

"fluentSetterMethodName" : "updateStatus",

"getterDocumentation" : "<p>The status of your service software update. This field can take the following values: `ELIGIBLE`, `PENDING_UPDATE`, `IN_PROGRESS`, `COMPLETED`, and `NOT_ELIGIBLE`.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #updateStatus} will return { @link DeploymentStatus#UNKNOWN\_TO\_SDK\_VERSION}. The raw value returned by the service is available from { @link #updateStatusAsString}. \n</p>\n@return The status of your service software update. This field can take the following values: `ELIGIBLE`, `PENDING_UPDATE`, `IN_PROGRESS`, `COMPLETED`, and `NOT_ELIGIBLE`. \n@see DeploymentStatus",

"getterModel" : {  
 "returnType" : "String",  
 "documentation" : null

},

"http" : {  
 "additionalMarshallingPath" : null,  
 "additionalUnmarshallingPath" : null,  
 "flattened" : false,  
 "greedy" : false,  
 "header" : false,  
 "isPayload" : false,  
 "isStreaming" : false,



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"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpdateStatus",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpdateStatus",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpdateStatus",
"setterDocumentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n@param updateStatus The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus",
"setterMethodName" : "setUpdateStatus",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "updateStatus",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "updateStatus",
 "variableType" : "String",
 "documentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{

```

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"beanStyleGetterMethodName" : "getCurrentVersion",
"beanStyleSetterMethodName" : "setCurrentVersion",
"c2jName" : "CurrentVersion",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The current service software version that is present on the
domain.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #currentVersion(String)}. \n@param
currentVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #currentVersion(String)",
"deprecated" : false,
"documentation" : "<p>The current service software version that is present on the domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "currentVersion",
"fluentSetterDocumentation" : "<p>The current service software version that is present on the
domain.</p>\n@param currentVersion The current service software version that is present on the domain.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "currentVersion",
"getterDocumentation" : "<p>The current service software version that is present on the domain.</p>\n@return
The current service software version that is present on the domain.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CurrentVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CurrentVersion",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,

```

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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrentVersion",
"setterDocumentation" : "<p>The current service software version that is present on the domain.</p>\n@param
currentVersion The current service software version that is present on the domain.",
"setterMethodName" : "setCurrentVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "currentVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "currentVersion",
 "variableType" : "String",
 "documentation" : "<p>The current service software version that is present on the domain.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getNewVersion",
 "beanStyleSetterMethodName" : "setNewVersion",
 "c2jName" : "NewVersion",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The new service software version if one is
available.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #newVersion(String)}. \n@param
newVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #newVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>The new service software version if one is available.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "newVersion",
 "fluentSetterDocumentation" : "<p>The new service software version if one is available.</p>\n@param
newVersion The new service software version if one is available.\n@return Returns a reference to this object so that

```

```

method calls can be chained together.",
 "fluentSetterMethodName" : "newVersion",
 "getterDocumentation" : "<p>The new service software version if one is available.</p>\n@return The new
service software version if one is available.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NewVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "NewVersion",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NewVersion",
 "setterDocumentation" : "<p>The new service software version if one is available.</p>\n@param newVersion
The new service software version if one is available.",
 "setterMethodName" : "setNewVersion",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "newVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",

```

```

 "variableName" : "newVersion",
 "variableType" : "String",
 "documentation" : "<p>The new service software version if one is available.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpdateAvailable",
 "beanStyleSetterMethodName" : "setUpdateAvailable",
 "c2jName" : "UpdateAvailable",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #updateAvailable(Boolean)}. \n@param updateAvailable a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #updateAvailable(Boolean)",
 "deprecated" : false,
 "documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "updateAvailable",
 "fluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>\n@param updateAvailable <code>True</code> if you are able to update you service software version. <code>False</code> \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "updateAvailable",
 "getterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>\n@return True</code> if you are able to update you service software version. <code>False</code>",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

```

```

"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpdateAvailable",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpdateAvailable",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpdateAvailable",
"setterDocumentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>\n@param updateAvailable
True</code> if you are able to update you service software version. <code>False",
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
"variableDeclarationType" : "Boolean",
"variableName" : "updateAvailable",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Boolean",
"variableName" : "updateAvailable",
"variableType" : "Boolean",
"documentation" : "<p><code>True</code> if you are able to update you service software version.
<code>False</code> if you are not able to update your service software version. </p>",
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getCancelable",
"beanStyleSetterMethodName" : "setCancelable",
"c2jName" : "Cancelable",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service
software version update. <code>False</code> if you are not able to cancel your service software version.

```

This is a convenience that creates an instance of the `{ @link Boolean.Builder}` avoiding the need to create one manually via `{ @link Boolean#builder()}.n`When the `{ @link Consumer}` completes, `{ @link Boolean.Builder#build()}` is called immediately and its result is passed to `{ @link #cancellable(Boolean)}`.  
`@param cancellable` a consumer that will call methods on `{ @link Boolean.Builder}`  
`@return` Returns a reference to this object so that method calls can be chained together.  
`@see #cancellable(Boolean)`",

```
"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to cancel your service software version update.
<code>False</code> if you are not able to cancel your service software version. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cancellable",
"fluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@param cancellable
True</code> if you are able to cancel your service software version update. <code>False\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "cancellable",
"getterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@return
True</code> if you are able to cancel your service software version update. <code>False",
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Cancellable",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Cancellable",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
```

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"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Cancellable",
"setterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version
update. <code>False</code> if you are not able to cancel your service software version. </p>\n@param cancellable
True</code> if you are able to cancel your service software version update. <code>False",
"setterMethodName" : "setCancellable",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "cancellable",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "cancellable",
 "variableType" : "Boolean",
 "documentation" : "<p><code>True</code> if you are able to cancel your service software version update.
<code>False</code> if you are not able to cancel your service software version. </p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpdateStatusAsString",
 "beanStyleSetterMethodName" : "setUpdateStatus",
 "c2jName" : "UpdateStatus",
 "c2jShape" : "DeploymentStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of your service software update. This field can
take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>,
<code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #updateStatusAsString(String)}. \n@param updateStatus a consumer
that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls
can be chained together.\n@see #updateStatus(String)",
 "deprecated" : false,
 "documentation" : "<p>The status of your service software update. This field can take the following values:
<code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>",
 "enumType" : "DeploymentStatus",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "updateStatus",

```



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 "fluentEnumSetterMethodName" : "updateStatus",
 "fluentGetterMethodName" : "updateStatusAsString",
 "fluentSetterDocumentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n@param updateStatus The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see DeploymentStatus",
 "fluentSetterMethodName" : "updateStatus",
 "getterDocumentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #updateStatus } will return { @link DeploymentStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #updateStatusAsString}.\n</p>\n@return The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpdateStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpdateStatus",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "UpdateStatus",

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"setterDocumentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>\n@param updateStatus The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus",
"setterMethodName" : "setUpdateStatus",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "updateStatus",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "updateStatus",
 "variableType" : "String",
 "documentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getDescription",
 "beanStyleSetterMethodName" : "setDescription",
 "c2jName" : "Description",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #description(String)}. \n@param description a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #description(String)",
 "deprecated" : false,
 "documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "description",
 "fluentSetterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@param

```

description The description of the `UpdateStatus`.  
@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "description",
"getterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@return The description of the <code>UpdateStatus</code>.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Description",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Description",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Description",
"setterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>\n@param description The description of the <code>UpdateStatus</code>.",
"setterMethodName" : "setDescription",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "description",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
```

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 "variableDeclarationType" : "String",
 "variableName" : "description",
 "variableType" : "String",
 "documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAutomatedUpdateDate",
 "beanStyleSetterMethodName" : "setAutomatedUpdateDate",
 "c2jName" : "AutomatedUpdateDate",
 "c2jShape" : "DeploymentCloseDateTimeStamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to create one manually via { @link Instant#builder()}. \n\nWhen the { @link Consumer} completes, { @link Instant.Builder#build()} is called immediately and its result is passed to { @link #automatedUpdateDate(Instant)}. \n@param automatedUpdateDate a consumer that will call methods on { @link Instant.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #automatedUpdateDate(Instant)",
 "deprecated" : false,
 "documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "automatedUpdateDate",
 "fluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>\n@param automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "automatedUpdateDate",
 "getterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>\n@return Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.",
 "getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

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"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AutomatedUpdateDate",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AutomatedUpdateDate",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "AutomatedUpdateDate",
"setterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service
software update. After this date, we automatically update your service software.</p>\n@param
automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update.
After this date, we automatically update your service software.",
"setterMethodName" : "setAutomatedUpdateDate",
"setterModel" : {
"variableDeclarationType" : "java.time.Instant",
"variableName" : "automatedUpdateDate",
"variableType" : "java.time.Instant",
"documentation" : null,
"simpleType" : "Instant",
"variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.time.Instant",
"variableName" : "automatedUpdateDate",
"variableType" : "java.time.Instant",
"documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software
update. After this date, we automatically update your service software.</p>",
"simpleType" : "Instant",
"variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,

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```

"required" : null,
"shapeName" : "ServiceSoftwareOptions",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
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"variable" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : null,
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
},
"wrapper" : false
},
"SnapshotOptions" : {
 "c2jName" : "SnapshotOptions",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getAutomatedSnapshotStartHour",
 "beanStyleSetterMethodName" : "setAutomatedSnapshotStartHour",
 "c2jName" : "AutomatedSnapshotStartHour",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to

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create one manually via {@link Integer#builder()}.  
When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #automatedSnapshotStartHour(Integer)}.  
@param automatedSnapshotStartHour a consumer that will call methods on {@link Integer.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #automatedSnapshotStartHour(Integer)",

"deprecated" : false,

"documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "automatedSnapshotStartHour",

"fluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>  
@param automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.  
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "automatedSnapshotStartHour",

"getterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>  
@return Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.",

"getterModel" : {  
  "returnType" : "Integer",  
  "documentation" : null

},

"http" : {

  "additionalMarshallingPath" : null,

  "additionalUnmarshallingPath" : null,

  "flattened" : false,

  "greedy" : false,

  "header" : false,

  "isPayload" : false,

  "isStreaming" : false,

  "location" : null,

  "marshallLocation" : "PAYLOAD",

  "marshallLocationName" : "AutomatedSnapshotStartHour",

  "queryString" : false,

  "statusCode" : false,

  "unmarshallLocationName" : "AutomatedSnapshotStartHour",

  "uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

```

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "AutomatedSnapshotStartHour",
"setterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated
snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@param
automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot
of the specified Elasticsearch domain. Default value is <code>0</code> hours.",
"setterMethodName" : "setAutomatedSnapshotStartHour",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "automatedSnapshotStartHour",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "automatedSnapshotStartHour",
 "variableType" : "Integer",
 "documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot
of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "AutomatedSnapshotStartHour" : {
 "beanStyleGetterMethodName" : "getAutomatedSnapshotStartHour",
 "beanStyleSetterMethodName" : "setAutomatedSnapshotStartHour",
 "c2jName" : "AutomatedSnapshotStartHour",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service
takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code>
hours.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#automatedSnapshotStartHour(Integer)}. \n@param automatedSnapshotStartHour a consumer that will call methods
on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #automatedSnapshotStartHour(Integer)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot
of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",

```



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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "automatedSnapshotStartHour",
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automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@param
automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot
of the specified Elasticsearch domain. Default value is <code>0</code> hours.\n@return Returns a reference to this
object so that method calls can be chained together.",
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snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@return Specifies the
time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain.
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 "header" : false,
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 "marshallLocationName" : "AutomatedSnapshotStartHour",
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 "unmarshallLocationName" : "AutomatedSnapshotStartHour",
 "uri" : false
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"listModel" : null,
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snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@param
automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot

```

```

of the specified Elasticsearch domain. Default value is <code>0</code> hours.",
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 "documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot
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 "variableSetterType" : "Integer"
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 "xmlNamespaceUri" : null
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"nonStreamingMembers" : [{
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 "beanStyleSetterMethodName" : "setAutomatedSnapshotStartHour",
 "c2jName" : "AutomatedSnapshotStartHour",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes
a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code>
hours.</p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#automatedSnapshotStartHour(Integer)}. \n@param automatedSnapshotStartHour a consumer that will call methods
on { @link Integer.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #automatedSnapshotStartHour(Integer)",
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 "fluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated
snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@param

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automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is `<code>0</code>` hours.\n@return Returns a reference to this object so that method calls can be chained together.",

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 "queryString" : false,
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 "statusCode" : false,
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 "uri" : false
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"map" : false,
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"setterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n@param
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automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.",
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 "variableSetterType" : "Integer"
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 "variableType" : "SnapshotOptions",
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 "variableSetterType" : "SnapshotOptions"
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 "c2jName" : "SnapshotOptionsStatus",
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 "event" : false,

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 "beanStyleSetterMethodName" : "setOptions",
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 "c2jShape" : "SnapshotOptions",
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Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link SnapshotOptions.Builder}
avoiding the need to create one manually via { @link SnapshotOptions#builder()}. \n\nWhen the { @link Consumer}
completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(SnapshotOptions)}. \n@param options a consumer that will call methods on { @link
SnapshotOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
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domain.</p>\n@param options Specifies the daily snapshot options specified for the Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
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domain.</p>\n@return Specifies the daily snapshot options specified for the Elasticsearch domain.",
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 "documentation" : null
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 "isStreaming" : false,
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 "statusCode" : false,
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 "jsonValue" : false,
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 "listModel" : null,
 "map" : false,
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 "variableSetterType" : "SnapshotOptions"
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 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
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 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. \n@param status a consumer that will call methods on { @link OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained

```

```

together.\n@see #status(OptionStatus)",
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Specifies the status of a daily automated snapshot.\n@return Returns a reference to this object so that method calls
can be chained together.",
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 "getterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\n@return Specifies the
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 "documentation" : null
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 "greedy" : false,
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 "isStreaming" : false,
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 "statusCode" : false,
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 "uri" : false
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 "map" : false,
 "mapModel" : null,
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the status of a daily automated snapshot.",
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 "setterModel" : {

```

```

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"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
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"beanStyleSetterMethodName" : "setOptions",
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"c2jShape" : "SnapshotOptions",
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avoiding the need to create one manually via { @link SnapshotOptions#builder()}. \n\nWhen the { @link Consumer}
completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(SnapshotOptions)}. \n@param options a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
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domain.</p>\n@param options Specifies the daily snapshot options specified for the Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
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```



```

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 "variableSetterType" : "SnapshotOptions"
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 "variableType" : "SnapshotOptions",
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 "variableSetterType" : "SnapshotOptions"
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 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of a daily automated
snapshot.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the
need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
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OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
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 "documentation" : null
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 "isStreaming" : false,
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 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
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}

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 "variableSetterType" : "OptionStatus"
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 "c2jShape" : "SnapshotOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link SnapshotOptions.Builder}
avoiding the need to create one manually via { @link SnapshotOptions#builder()}. \n\nWhen the { @link Consumer}
completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(SnapshotOptions)}. \n@param options a consumer that will call methods on { @link
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"jsonValue" : false,
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"map" : false,
"mapModel" : null,
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"name" : "Options",
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domain.</p>\n@param options Specifies the daily snapshot options specified for the Elasticsearch
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 "variableSetterType" : "SnapshotOptions"
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 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of a daily automated
snapshot.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the
need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
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together.\n@see #status(OptionStatus)",
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Specifies the status of a daily automated snapshot.\n@return Returns a reference to this object so that method calls
can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\n@return Specifies the
status of a daily automated snapshot.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```

```

 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\n@param status Specifies
the status of a daily automated snapshot.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>Specifies the status of a daily automated snapshot.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["Options", "Status"],
"shapeName" : "SnapshotOptionsStatus",

```

```

"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "SnapshotOptionsStatus",
 "variableName" : "snapshotOptionsStatus",
 "variableType" : "SnapshotOptionsStatus",
 "documentation" : null,
 "simpleType" : "SnapshotOptionsStatus",
 "variableSetterType" : "SnapshotOptionsStatus"
},
"wrapper" : false
},
"StartElasticsearchServiceSoftwareUpdateRequest" : {
 "c2jName" : "StartElasticsearchServiceSoftwareUpdateRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Container for the parameters to the
<code><a>StartElasticsearchServiceSoftwareUpdate</code> operation. Specifies the name of the Elasticsearch
domain that you wish to schedule a service software update on.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "StartElasticsearchServiceSoftwareUpdate",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/serviceSoftwareUpdate/start",
 "target" : null,
 "verb" : "POST",
 "xmlNamespaceUri" : null
 },
 "members" : [{
 "beanStyleGetterMethodName" : "getDomainName",

```

```

"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to update to the
latest service software.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the domain that you want to update to the latest service
software.</p>\n@param domainName The name of the domain that you want to update to the latest service
software. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the domain that you want to update to the latest service
software.</p>\n@return The name of the domain that you want to update to the latest service software.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,

```



```

"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the domain that you want to update to the latest service
software.</p>\n@param domainName The name of the domain that you want to update to the latest service
software.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to update to the
latest service software.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",

```

```

"fluentSetterDocumentation" : "<p>The name of the domain that you want to update to the latest service
software.</p>\n@param domainName The name of the domain that you want to update to the latest service
software.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the domain that you want to update to the latest service
software.</p>\n@return The name of the domain that you want to update to the latest service software.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the domain that you want to update to the latest service
software.</p>\n@param domainName The name of the domain that you want to update to the latest service
software.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,

```

```

"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>\n@param domainName The name of the domain that you want to update to the latest service software. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>\n@return The name of the domain that you want to update to the latest service software.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

```

```

 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p>The name of the domain that you want to update to the latest service
software.</p>\n@param domainName The name of the domain that you want to update to the latest service
software.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["DomainName"],
"shapeName" : "StartElasticsearchServiceSoftwareUpdateRequest",
"simpleMethod" : false,
"unmarshaller" : null,

```

```

"variable" : {
 "variableDeclarationType" : "StartElasticsearchServiceSoftwareUpdateRequest",
 "variableName" : "startElasticsearchServiceSoftwareUpdateRequest",
 "variableType" : "StartElasticsearchServiceSoftwareUpdateRequest",
 "documentation" : null,
 "simpleType" : "StartElasticsearchServiceSoftwareUpdateRequest",
 "variableSetterType" : "StartElasticsearchServiceSoftwareUpdateRequest"
},
"wrapper" : false
},
"StartElasticsearchServiceSoftwareUpdateResponse" : {
 "c2jName" : "StartElasticsearchServiceSoftwareUpdateResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The result of a <code>StartElasticsearchServiceSoftwareUpdate</code> operation.
Contains the status of the update.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
 "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
 "c2jName" : "ServiceSoftwareOptions",
 "c2jShape" : "ServiceSoftwareOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder}
avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is
passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions)}. \n@param serviceSoftwareOptions a
consumer that will call methods on { @link ServiceSoftwareOptions.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
 "deprecated" : false,
 "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
 "enumType" : null,

```

```

"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch service software
update.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "serviceSoftwareOptions",
"getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@return
The current status of the Elasticsearch service software update.",
"getterModel" : {
 "returnType" : "ServiceSoftwareOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ServiceSoftwareOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ServiceSoftwareOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch service software update.",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : null,

```

```

 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "ServiceSoftwareOptions" : {
 "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
 "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
 "c2jName" : "ServiceSoftwareOptions",
 "c2jShape" : "ServiceSoftwareOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder } avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder() }. \n\nWhen the { @link Consumer } completes, { @link ServiceSoftwareOptions.Builder#build() } is called immediately and its result is passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions) }. \n@param serviceSoftwareOptions a consumer that will call methods on { @link ServiceSoftwareOptions.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
 "deprecated" : false,
 "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "serviceSoftwareOptions",
 "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch service software update. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "serviceSoftwareOptions",
 "getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@return The current status of the Elasticsearch service software update.",
 "getterModel" : {
 "returnType" : "ServiceSoftwareOptions",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,

```

```

"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ServiceSoftwareOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ServiceSoftwareOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch service software update.",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : null,
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{

```



```

"beanStyleGetterMethodName" : "getServiceSoftwareOptions",
"beanStyleSetterMethodName" : "setServiceSoftwareOptions",
"c2jName" : "ServiceSoftwareOptions",
"c2jShape" : "ServiceSoftwareOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder}
avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is
passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions)}. \n@param serviceSoftwareOptions a
consumer that will call methods on { @link ServiceSoftwareOptions.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
"deprecated" : false,
"documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software
update.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch service software
update. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "serviceSoftwareOptions",
"getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@return
The current status of the Elasticsearch service software update.",
"getterModel" : {
 "returnType" : "ServiceSoftwareOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ServiceSoftwareOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ServiceSoftwareOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

```

```

"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch service software update.",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : null,
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "StartElasticsearchServiceSoftwareUpdateResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "StartElasticsearchServiceSoftwareUpdateResponse",
 "variableName" : "startElasticsearchServiceSoftwareUpdateResponse",
 "variableType" : "StartElasticsearchServiceSoftwareUpdateResponse",
 "documentation" : null,
 "simpleType" : "StartElasticsearchServiceSoftwareUpdateResponse",
 "variableSetterType" : "StartElasticsearchServiceSoftwareUpdateResponse"
},
"wrapper" : false
},

```

```

"StorageType" : {
 "c2jName" : "StorageType",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>StorageTypes represents the list of storage related types and their attributes that are available for given InstanceType. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getStorageTypeName",
 "beanStyleSetterMethodName" : "setStorageTypeName",
 "c2jName" : "StorageTypeName",
 "c2jShape" : "StorageTypeName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #storageTypeName(String)}. \n@param storageTypeName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #storageTypeName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "storageTypeName",
 "fluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\n@param storageTypeName The new value for the StorageTypeName property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "storageTypeName",
 "getterDocumentation" : "Returns the value of the StorageTypeName property for this object.\n@return The

```

value of the StorageTypeName property for this object.",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StorageTypeName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StorageTypeName",
 "uri" : false
},
```

```
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StorageTypeName",
```

"setterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\n@param  
storageTypeName The new value for the StorageTypeName property for this object.",

```
"setterMethodName" : "setStorageTypeName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "storageTypeName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
```

```
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "storageTypeName",
 "variableType" : "String",
 "documentation" : ""
},
```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStorageSubTypeName",
 "beanStyleSetterMethodName" : "setStorageSubTypeName",
 "c2jName" : "StorageSubTypeName",
 "c2jShape" : "StorageSubTypeName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#storageSubTypeName(String)}. \n@param storageSubTypeName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#storageSubTypeName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "storageSubTypeName",
 "fluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.\n\n@param
storageSubTypeName The new value for the StorageSubTypeName property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "storageSubTypeName",
 "getterDocumentation" : "Returns the value of the StorageSubTypeName property for this object.\n@return The
value of the StorageSubTypeName property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StorageSubTypeName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StorageSubTypeName",

```

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 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "StorageSubTypeName",
 "setterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.\n\n@param
storageSubTypeName The new value for the StorageSubTypeName property for this object.",
 "setterMethodName" : "setStorageSubTypeName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "storageSubTypeName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "storageSubTypeName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStorageTypeLimits",
 "beanStyleSetterMethodName" : "setStorageTypeLimits",
 "c2jName" : "StorageTypeLimits",
 "c2jShape" : "StorageTypeLimitList",
 "defaultConsumerFluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type.
</p>\nThis is a convenience that creates an instance of the { @link List<StorageTypeLimit>.Builder} avoiding the
need to create one manually via { @link List<StorageTypeLimit>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<StorageTypeLimit>.Builder#build()} is called immediately and its result is passed to
{ @link #storageTypeLimits(List<StorageTypeLimit>)}. \n@param storageTypeLimits a consumer that will call
methods on { @link List<StorageTypeLimit>.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #storageTypeLimits(List<StorageTypeLimit>)",
 "deprecated" : false,
 "documentation" : "<p>List of limits that are applicable for given storage type. </p>",
 "enumType" : null,

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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypeLimits",
"fluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n@param
storageTypeLimits List of limits that are applicable for given storage type.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "storageTypeLimits",
"getterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
List of limits that are applicable for given storage type.",
"getterModel" : {
 "returnType" : "java.util.List<StorageTypeLimit>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StorageTypeLimits",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StorageTypeLimits",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "StorageTypeLimit",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link StorageTypeLimit.Builder} avoiding the
need to create one manually via { @link StorageTypeLimit#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link StorageTypeLimit.Builder#build()} is called immediately and its result is passed to { @link

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#member(StorageTypeLimit)}. \n@param member a consumer that will call methods on { @link
StorageTypeLimit.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(StorageTypeLimit)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "StorageTypeLimit",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member The new
value for the Member property for this object.",

```



```

"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "StorageTypeLimit",
 "variableName" : "member",
 "variableType" : "StorageTypeLimit",
 "documentation" : null,
 "simpleType" : "StorageTypeLimit",
 "variableSetterType" : "StorageTypeLimit"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "StorageTypeLimit",
 "variableName" : "member",
 "variableType" : "StorageTypeLimit",
 "documentation" : "",
 "simpleType" : "StorageTypeLimit",
 "variableSetterType" : "StorageTypeLimit"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageTypeLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageTypeLimit",
"templateImplType" : "java.util.ArrayList<StorageTypeLimit>",
"templateType" : "java.util.List<StorageTypeLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypeLimits",
"setterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n@param
storageTypeLimits List of limits that are applicable for given storage type.",
"setterMethodName" : "setStorageTypeLimits",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
 "variableName" : "storageTypeLimits",
 "variableType" : "java.util.List<StorageTypeLimit>",
 "documentation" : null,
 "simpleType" : "List<StorageTypeLimit>",
 "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"simple" : false,
"timestampFormat" : null,

```

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"variable" : {
 "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
 "variableName" : "storageTypeLimits",
 "variableType" : "java.util.List<StorageTypeLimit>",
 "documentation" : "<p>List of limits that are applicable for given storage type. </p>",
 "simpleType" : "List<StorageTypeLimit>",
 "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "StorageSubTypeName" : {
 "beanStyleGetterMethodName" : "getStorageSubTypeName",
 "beanStyleSetterMethodName" : "setStorageSubTypeName",
 "c2jName" : "StorageSubTypeName",
 "c2jShape" : "StorageSubTypeName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#storageSubTypeName(String)}. \n@param storageSubTypeName a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#storageSubTypeName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "storageSubTypeName",
 "fluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this
object.\n\n@param storageSubTypeName The new value for the StorageSubTypeName property for this
object. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "storageSubTypeName",
 "getterDocumentation" : "Returns the value of the StorageSubTypeName property for this object. \n@return
The value of the StorageSubTypeName property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 }
}

```

```

 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StorageSubTypeName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StorageSubTypeName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "StorageSubTypeName",
 "setterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.\n\n@param
storageSubTypeName The new value for the StorageSubTypeName property for this object.",
 "setterMethodName" : "setStorageSubTypeName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "storageSubTypeName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "storageSubTypeName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"StorageTypeLimits" : {
 "beanStyleGetterMethodName" : "getStorageTypeLimits",
 "beanStyleSetterMethodName" : "setStorageTypeLimits",
 "c2jName" : "StorageTypeLimits",
 "c2jShape" : "StorageTypeLimitList",
 "defaultConsumerFluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type.
</p>\nThis is a convenience that creates an instance of the { @link List<StorageTypeLimit>.Builder} avoiding the

```

need to create one manually via { @link List<StorageTypeLimit>#builder()}.  
 When the { @link Consumer} completes, { @link List<StorageTypeLimit>.Builder#build()} is called immediately and its result is passed to { @link #storageTypeLimits(List<StorageTypeLimit>)}.  
 @param storageTypeLimits a consumer that will call methods on { @link List<StorageTypeLimit>.Builder}  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see #storageTypeLimits(List<StorageTypeLimit>)",

```

 "deprecated" : false,
 "documentation" : "<p>List of limits that are applicable for given storage type. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "storageTypeLimits",
 "fluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n@param storageTypeLimits List of limits that are applicable for given storage type.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "storageTypeLimits",
 "getterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return List of limits that are applicable for given storage type.",
 "getterModel" : {
 "returnType" : "java.util.List<StorageTypeLimit>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StorageTypeLimits",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StorageTypeLimits",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {

```

```

"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "StorageTypeLimit",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link StorageTypeLimit.Builder} avoiding the
need to create one manually via { @link StorageTypeLimit#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link StorageTypeLimit.Builder#build()} is called immediately and its result is passed to { @link
#member(StorageTypeLimit)}. \n@param member a consumer that will call methods on { @link
StorageTypeLimit.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(StorageTypeLimit)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
 "returnType" : "StorageTypeLimit",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,

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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "StorageTypeLimit",
 "variableName" : "member",
 "variableType" : "StorageTypeLimit",
 "documentation" : null,
 "simpleType" : "StorageTypeLimit",
 "variableSetterType" : "StorageTypeLimit"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "StorageTypeLimit",
 "variableName" : "member",
 "variableType" : "StorageTypeLimit",
 "documentation" : "",
 "simpleType" : "StorageTypeLimit",
 "variableSetterType" : "StorageTypeLimit"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageTypeLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageTypeLimit",
"templateImplType" : "java.util.ArrayList<StorageTypeLimit>",
"templateType" : "java.util.List<StorageTypeLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypeLimits",
"setterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n\n@param
storageTypeLimits List of limits that are applicable for given storage type.",
"setterMethodName" : "setStorageTypeLimits",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<StorageTypeLimit>",

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"variableName" : "storageTypeLimits",
"variableType" : "java.util.List<StorageTypeLimit>",
"documentation" : null,
"simpleType" : "List<StorageTypeLimit>",
"variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<StorageTypeLimit>",
"variableName" : "storageTypeLimits",
"variableType" : "java.util.List<StorageTypeLimit>",
"documentation" : "<p>List of limits that are applicable for given storage type. </p>",
"simpleType" : "List<StorageTypeLimit>",
"variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"xmlNamespaceUri" : null
},
"StorageTypeName" : {
"beanStyleGetterMethodName" : "getStorageTypeName",
"beanStyleSetterMethodName" : "setStorageTypeName",
"c2jName" : "StorageTypeName",
"c2jShape" : "StorageTypeName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#storageTypeName(String)}. \n@param storageTypeName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#storageTypeName(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypeName",
"fluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\n@param
storageTypeName The new value for the StorageTypeName property for this object.\n@return Returns a reference
to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "storageTypeName",
"getterDocumentation" : "Returns the value of the StorageTypeName property for this object.\n@return The
value of the StorageTypeName property for this object.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
},

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"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StorageTypeName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StorageTypeName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StorageTypeName",
"setterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\n@param
storageTypeName The new value for the StorageTypeName property for this object.",
"setterMethodName" : "setStorageTypeName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "storageTypeName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "storageTypeName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}

```



```

},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getStorageTypeName",
 "beanStyleSetterMethodName" : "setStorageTypeName",
 "c2jName" : "StorageTypeName",
 "c2jShape" : "StorageTypeName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#storageTypeName(String)}. \n@param storageTypeName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#storageTypeName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "storageTypeName",
 "fluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\n@param
storageTypeName The new value for the StorageTypeName property for this object.\n@return Returns a reference
to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "storageTypeName",
 "getterDocumentation" : "Returns the value of the StorageTypeName property for this object.\n@return The
value of the StorageTypeName property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StorageTypeName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StorageTypeName",
 "uri" : false
},
"idempotencyToken" : false,

```

```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StorageTypeName",
"setterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\n@param
storageTypeName The new value for the StorageTypeName property for this object.",
"setterMethodName" : "setStorageTypeName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "storageTypeName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "storageTypeName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStorageSubTypeName",
 "beanStyleSetterMethodName" : "setStorageSubTypeName",
 "c2jName" : "StorageSubTypeName",
 "c2jShape" : "StorageSubTypeName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#storageSubTypeName(String)}. \n@param storageSubTypeName a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#storageSubTypeName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,

```

```

 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "storageSubTypeName",
 "fluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.\n\n@param
storageSubTypeName The new value for the StorageSubTypeName property for this object.\n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "storageSubTypeName",
 "getterDocumentation" : "Returns the value of the StorageSubTypeName property for this object.\n@return The
value of the StorageSubTypeName property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StorageSubTypeName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StorageSubTypeName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "StorageSubTypeName",
 "setterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.\n\n@param
storageSubTypeName The new value for the StorageSubTypeName property for this object.",
 "setterMethodName" : "setStorageSubTypeName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "storageSubTypeName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 },

```

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"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "storageSubTypeName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStorageTypeLimits",
 "beanStyleSetterMethodName" : "setStorageTypeLimits",
 "c2jName" : "StorageTypeLimits",
 "c2jShape" : "StorageTypeLimitList",
 "defaultConsumerFluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type.
</p>\nThis is a convenience that creates an instance of the { @link List<StorageTypeLimit>.Builder} avoiding the
need to create one manually via { @link List<StorageTypeLimit>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<StorageTypeLimit>.Builder#build()} is called immediately and its result is passed to
{ @link #storageTypeLimits(List<StorageTypeLimit>)}. \n@param storageTypeLimits a consumer that will call
methods on { @link List<StorageTypeLimit>.Builder}\n@return Returns a reference to this object so that method
calls can be chained together.\n@see #storageTypeLimits(List<StorageTypeLimit>)",
 "deprecated" : false,
 "documentation" : "<p>List of limits that are applicable for given storage type. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "storageTypeLimits",
 "fluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n@param
storageTypeLimits List of limits that are applicable for given storage type.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "storageTypeLimits",
 "getterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return
List of limits that are applicable for given storage type.",
 "getterModel" : {
 "returnType" : "java.util.List<StorageTypeLimit>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```

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"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StorageTypeLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StorageTypeLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "StorageTypeLimit",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link StorageTypeLimit.Builder} avoiding the
need to create one manually via { @link StorageTypeLimit#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link StorageTypeLimit.Builder#build()} is called immediately and its result is passed to { @link
#member(StorageTypeLimit)}. \n@param member a consumer that will call methods on { @link
StorageTypeLimit.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(StorageTypeLimit)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "StorageTypeLimit",
 "documentation" : null
 },
 },
 "http" : {

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```

 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "StorageTypeLimit",
 "variableName" : "member",
 "variableType" : "StorageTypeLimit",
 "documentation" : null,
 "simpleType" : "StorageTypeLimit",
 "variableSetterType" : "StorageTypeLimit"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "StorageTypeLimit",
 "variableName" : "member",
 "variableType" : "StorageTypeLimit",
 "documentation" : "",
 "simpleType" : "StorageTypeLimit",
 "variableSetterType" : "StorageTypeLimit"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,

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"memberType" : "StorageTypeLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageTypeLimit",
"templateImplType" : "java.util.ArrayList<StorageTypeLimit>",
"templateType" : "java.util.List<StorageTypeLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypeLimits",
"setterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>\n@param
storageTypeLimits List of limits that are applicable for given storage type.",
"setterMethodName" : "setStorageTypeLimits",
"setterModel" : {
"variableDeclarationType" : "java.util.List<StorageTypeLimit>",
"variableName" : "storageTypeLimits",
"variableType" : "java.util.List<StorageTypeLimit>",
"documentation" : null,
"simpleType" : "List<StorageTypeLimit>",
"variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<StorageTypeLimit>",
"variableName" : "storageTypeLimits",
"variableType" : "java.util.List<StorageTypeLimit>",
"documentation" : "<p>List of limits that are applicable for given storage type. </p>",
"simpleType" : "List<StorageTypeLimit>",
"variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "StorageType",
"simpleMethod" : false,
"unmarshaller" : {
"flattened" : false,
"resultWrapper" : null
},
"variable" : {
"variableDeclarationType" : "StorageType",
"variableName" : "storageType",

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```

 "variableType" : "StorageType",
 "documentation" : null,
 "simpleType" : "StorageType",
 "variableSetterType" : "StorageType"
 },
 "wrapper" : false
},
"StorageTypeLimit" : {
 "c2jName" : "StorageTypeLimit",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Limits that are applicable for given storage type. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getLimitName",
 "beanStyleSetterMethodName" : "setLimitName",
 "c2jName" : "LimitName",
 "c2jShape" : "LimitName",
 "defaultConsumerFluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given
storage type. If <code> <a>StorageType </code> is ebs, following storage options are applicable
MinimumVolumeSize Minimum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. MaximumVolumeSize Maximum amount of volume size that is applicable for
given storage type.It can be empty if it is not applicable. MaximumIops Maximum amount of Iops that is
applicable for given storage type.It can be empty if it is not applicable. MinimumIops Minimum amount of
Iops that is applicable for given storage type.It can be empty if it is not applicable. </p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #limitName(String)}. \n@param limitName a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #limitName(String)",
 "deprecated" : false,
 "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>

```



`<a>StorageType</a>` is ebs, following storage options are applicable 

- `MinimumVolumeSize` Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
- `MaximumVolumeSize` Maximum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
- `MaximumIops` Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.
- `MinimumIops` Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.

 </p>

```
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitName",
```

```
"fluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <a>StorageType is ebs, following storage options are applicable

- MinimumVolumeSize Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
- MaximumVolumeSize Maximum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
- MaximumIops Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.
- MinimumIops Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.

 </p>\n@param limitName Name of storage limits that are applicable for given storage type. If <a>StorageType is ebs, following storage options are applicable

- MinimumVolumeSize Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
- MaximumVolumeSize Maximum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
- MaximumIops Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.
- MinimumIops Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.

\n@return Returns a reference to this object so that method calls can be chained together.",
```

```
"fluentSetterMethodName" : "limitName",
```

```
"getterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <a>StorageType is ebs, following storage options are applicable

- MinimumVolumeSize Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
- MaximumVolumeSize Maximum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
- MaximumIops Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.
- MinimumIops Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.

 </p>\n@return Name of storage limits that are applicable for given storage type. If <a>StorageType is ebs, following storage options are applicable

- MinimumVolumeSize Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
- MaximumVolumeSize Maximum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
- MaximumIops Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.
- MinimumIops Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.

",
```

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
```

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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LimitName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LimitName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "LimitName",
 "setterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType </code> is ebs, following storage options are applicable MinimumVolumeSize
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
MaximumVolumeSize Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. MaximumIops Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. MinimumIops Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </p>\n@param limitName Name of storage limits
that are applicable for given storage type. If <code> <a>StorageType </code> is ebs, following storage options
are applicable MinimumVolumeSize Minimum amount of volume size that is applicable for given
storage type.It can be empty if it is not applicable. MaximumVolumeSize Maximum amount of volume
size that is applicable for given storage type.It can be empty if it is not applicable. MaximumIops
Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.
MinimumIops Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not
applicable. ",
 "setterMethodName" : "setLimitName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "limitName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",

```

```

 "variableName" : "limitName",
 "variableType" : "String",
 "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageTypeLimit </code> is ebs, following storage options are applicable MinimumVolumeSize
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
MaximumVolumeSize Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. MaximumIops Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. MinimumIops Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getLimitValues",
 "beanStyleSetterMethodName" : "setLimitValues",
 "c2jName" : "LimitValues",
 "c2jShape" : "LimitValueList",
 "defaultConsumerFluentSetterDocumentation" : "<p> Values for the <code>
<a>StorageTypeLimit </code> . </p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #limitValues(List<String>)}. \n@param limitValues a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #limitValues(List<String>)",
 "deprecated" : false,
 "documentation" : "<p> Values for the <code> <a>StorageTypeLimit </code> . </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "limitValues",
 "fluentSetterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit </code> .
</p>\n@param limitValues Values for the <code> <a>StorageTypeLimit </code> . \n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "limitValues",
 "getterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit </code> .
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException. \n</p>\n@return Values for the <code> <a>StorageTypeLimit
</code> .",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,

```

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"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitValues",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitValues",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "LimitValue",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
 }
}

```

```

},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null

```

```

 },
 "memberLocationName" : null,
 "memberType" : "String",
 "map" : false,
 "memberAdditionalMarshallingPath" : null,
 "memberAdditionalUnmarshallingPath" : null,
 "simple" : true,
 "simpleType" : "String",
 "templateImplType" : "java.util.ArrayList<String>",
 "templateType" : "java.util.List<String>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "LimitValues",
 "setterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName </code> .
</p>\n@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName </code> .",
 "setterMethodName" : "setLimitValues",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "limitValues",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "limitValues",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName </code> . </p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 },
 "xmlNameSpaceUri" : null
}],
"membersAsMap" : {
 "LimitName" : {
 "beanStyleGetterMethodName" : "getLimitName",
 "beanStyleSetterMethodName" : "setLimitName",
 "c2jName" : "LimitName",
 "c2jShape" : "LimitName",
 "defaultConsumerFluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given
storage type. If <code> <a>StorageType </code> is ebs, following storage options are applicable
MinimumVolumeSize Minimum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. MaximumVolumeSize Maximum amount of volume size that is applicable for

```



applicable for given storage type.It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. </ol>",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LimitName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LimitName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "LimitName",
"setterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType </code> is ebs, following storage options are applicable MinimumVolumeSize
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
MaximumVolumeSize Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. MaximumIops Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. MinimumIops Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </p>\n@param limitName Name of storage limits
that are applicable for given storage type. If <code> <a>StorageType </code> is ebs, following storage options
are applicable MinimumVolumeSize Minimum amount of volume size that is applicable for given
storage type.It can be empty if it is not applicable. MaximumVolumeSize Maximum amount of volume
size that is applicable for given storage type.It can be empty if it is not applicable. MaximumIops
Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.
MinimumIops Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not
applicable. ",
"setterMethodName" : "setLimitName",
"setterModel" : {
```



```

 "variableDeclarationType" : "String",
 "variableName" : "limitName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "limitName",
 "variableType" : "String",
 "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType </code> is ebs, following storage options are applicable MinimumVolumeSize
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
MaximumVolumeSize Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. MaximumIops Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. MinimumIops Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"LimitValues" : {
 "beanStyleGetterMethodName" : "getLimitValues",
 "beanStyleSetterMethodName" : "setLimitValues",
 "c2jName" : "LimitValues",
 "c2jShape" : "LimitValueList",
 "defaultConsumerFluentSetterDocumentation" : "<p> Values for the <code>
<a>StorageTypeLimit$LimitName </code> . </p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #limitValues(List<String>)}. \n@param limitValues a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #limitValues(List<String>)",
 "deprecated" : false,
 "documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName </code> . </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "limitValues",
 "fluentSetterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName </code> .
</p>\n@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName </code> . \n@return
Returns a reference to this object so that method calls can be chained together."

```

```

 "fluentSetterMethodName" : "limitValues",
 "getterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName </code> .
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return Values for the <code> <a>StorageTypeLimit$LimitName
</code> .",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LimitValues",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LimitValues",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "LimitValue",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

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```

 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 }

```

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 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName </code> .
</p>\n@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "limitValues",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "limitValues",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName </code> . </p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},

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 "xmlNamespaceUri" : null
 }
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getLimitName",
 "beanStyleSetterMethodName" : "setLimitName",
 "c2jName" : "LimitName",
 "c2jShape" : "LimitName",
 "defaultConsumerFluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given
storage type. If <code> <a>StorageType </code> is ebs, following storage options are applicable
MinimumVolumeSize Minimum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. MaximumVolumeSize Maximum amount of volume size that is applicable for
given storage type.It can be empty if it is not applicable. MaximumIops Maximum amount of Iops that is
applicable for given storage type.It can be empty if it is not applicable. MinimumIops Minimum amount of
Iops that is applicable for given storage type.It can be empty if it is not applicable. </p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #limitName(String)}. \n@param limitName a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #limitName(String)",
 "deprecated" : false,
 "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType </code> is ebs, following storage options are applicable MinimumVolumeSize
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
MaximumVolumeSize Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. MaximumIops Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. MinimumIops Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "limitName",
 "fluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType </code> is ebs, following storage options are applicable MinimumVolumeSize
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
MaximumVolumeSize Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. MaximumIops Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. MinimumIops Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </p>\n@param limitName Name of storage limits
that are applicable for given storage type. If <code> <a>StorageType </code> is ebs, following storage options
are applicable MinimumVolumeSize Minimum amount of volume size that is applicable for given
storage type.It can be empty if it is not applicable. MaximumVolumeSize Maximum amount of volume
size that is applicable for given storage type.It can be empty if it is not applicable. MaximumIops
Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable.
MinimumIops Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not
applicable. \n@return Returns a reference to this object so that method calls can be chained together.",

```

```

 "fluentSetterMethodName" : "limitName",
 "getterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType </code> is ebs, following storage options are applicable MinimumVolumeSize
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
MaximumVolumeSize Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. MaximumIops Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. MinimumIops Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </p>\n@return Name of storage limits that are
applicable for given storage type. If <code> <a>StorageType </code> is ebs, following storage options are
applicable MinimumVolumeSize Minimum amount of volume size that is applicable for given storage
type.It can be empty if it is not applicable. MaximumVolumeSize Maximum amount of volume size that is
applicable for given storage type.It can be empty if it is not applicable. MaximumIops Maximum amount
of Iops that is applicable for given storage type.It can be empty if it is not applicable. MinimumIops
Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. ",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LimitName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LimitName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "LimitName",
 "setterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType </code> is ebs, following storage options are applicable MinimumVolumeSize
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
MaximumVolumeSize Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. MaximumIops Maximum amount of Iops that is applicable for given storage

```

type.It can be empty if it is not applicable. `<li>MinimumIops</li>` Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. `</ol>` `</p>`\n@param limitName Name of storage limits that are applicable for given storage type. If `<a>StorageType</a>` `</code>` is ebs, following storage options are applicable `<ol>` `<li>MinimumVolumeSize</li>` Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. `<li>MaximumVolumeSize</li>` Maximum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. `<li>MaximumIops</li>` Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. `<li>MinimumIops</li>` Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. `</ol>`",

```

"setterMethodName" : "setLimitName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "limitName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "limitName",
 "variableType" : "String",
 "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType </code> is ebs, following storage options are applicable MinimumVolumeSize
Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable.
MaximumVolumeSize Maximum amount of volume size that is applicable for given storage type.It can be
empty if it is not applicable. MaximumIops Maximum amount of Iops that is applicable for given storage
type.It can be empty if it is not applicable. MinimumIops Minimum amount of Iops that is applicable for
given storage type.It can be empty if it is not applicable. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getLimitValues",
 "beanStyleSetterMethodName" : "setLimitValues",
 "c2jName" : "LimitValues",
 "c2jShape" : "LimitValueList",
 "defaultConsumerFluentSetterDocumentation" : "<p> Values for the <code>
<a>StorageTypeLimit$LimitName </code> . </p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #limitValues(List<String>)}.\n@param limitValues a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #limitValues(List<String>)",
 "deprecated" : false,

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"documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName </code> . </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitValues",
"fluentSetterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName </code> .
</p>\n@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName </code> .\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "limitValues",
"getterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName </code> .
</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return Values for the <code> <a>StorageTypeLimit$LimitName
</code> .",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LimitValues",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LimitValues",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "LimitValue",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this

```



object.  
 This is a convenience that creates an instance of the `{ @link String.Builder }` avoiding the need to create one manually via `{ @link String#builder() }`.  
 When the `{ @link Consumer }` completes, `{ @link String.Builder#build() }` is called immediately and its result is passed to `{ @link #member(String) }`.  
 @param member a consumer that will call methods on `{ @link String.Builder }`  
 @return Returns a reference to this object so that method calls can be chained together.  
 @see `#member(String)`,

```
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
```

```

"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName </code> .
</p>\n@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "limitValues",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},

```

```

"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "limitValues",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName </code> . </p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "StorageTypeLimit",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "StorageTypeLimit",
 "variableName" : "storageTypeLimit",
 "variableType" : "StorageTypeLimit",
 "documentation" : null,
 "simpleType" : "StorageTypeLimit",
 "variableSetterType" : "StorageTypeLimit"
},
"wrapper" : false
},
"Tag" : {
 "c2jName" : "Tag",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Specifies a key value pair for a resource tag.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,

```

```

"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "Key",
 "c2jShape" : "TagKey",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag.
Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\nThis is a convenience that
creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link
String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #key(String)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for
the Elasticsearch domain to which they are attached.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must
be unique for the Elasticsearch domain to which they are attached.</p>\n@param key Specifies the
<code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they
are attached. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be
unique for the Elasticsearch domain to which they are attached.</p>\n@return Specifies the <code>TagKey</code>,
the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",

```

```

 "marshallLocationName" : "Key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Key",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be
unique for the Elasticsearch domain to which they are attached.</p>\n@param key Specifies the
<code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they
are attached.",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique
for the Elasticsearch domain to which they are attached.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "Value",
 "c2jShape" : "TagValue",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned
to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can
have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center :

```

Trinity

This is a convenience that creates an instance of the `{ @link String.Builder}` avoiding the need to create one manually via `{ @link String#builder()}.n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}.n@param value a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.n@see #value(String)",`

"deprecated" : false,

"documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "value",

"fluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@param value Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "value",

"getterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@return Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>",

"getterModel" : {  
  "returnType" : "String",  
  "documentation" : null

},

"http" : {

  "additionalMarshallingPath" : null,

  "additionalUnmarshallingPath" : null,

  "flattened" : false,

  "greedy" : false,

  "header" : false,

  "isPayload" : false,

  "isStreaming" : false,

  "location" : null,

  "marshallLocation" : "PAYLOAD",

  "marshallLocationName" : "Value",

  "queryString" : false,

  "statusCode" : false,

  "unmarshallLocationName" : "Value",

  "uri" : false

```

 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Value",
 "setterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding
tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair
in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@param value
Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and
do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project :
Trinity</code> and <code>cost-center : Trinity</code>",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag
key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in
a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "Key" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "Key",
 "c2jShape" : "TagKey",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the
tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\nThis is a convenience
that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link

```

String#builder()).\n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #key(String)}.\n@param key a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #key(String)",

"deprecated" : false,

"documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "key",

"fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\n@param key Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "key",

"getterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\n@return Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.",

"getterModel" : {

"returnType" : "String",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "Key",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "Key",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,



```

 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be
unique for the Elasticsearch domain to which they are attached.</p>\n@param key Specifies the
<code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they
are attached.",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique
for the Elasticsearch domain to which they are attached.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"Value" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "Value",
 "c2jShape" : "TagValue",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value
assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example,
you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center :
Trinity</code></p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need
to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #value(String)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag
key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in
a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

```

```
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the
corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a
key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@param
value Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be
null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of
<code>project : Trinity</code> and <code>cost-center : Trinity</code>\n@return Returns a reference to this object
so that method calls can be chained together."
```

```
"fluentSetterMethodName" : "value",
```

```
"getterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding
tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair
in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@return Specifies the
<code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have
to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code>
and <code>cost-center : Trinity</code>,"
```

```
"getterModel" : {
```

```
 "returnType" : "String",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "Value",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "Value",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "Value",
```

```
"setterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding
tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair
```

in a tag set of `project : Trinity` and `cost-center : Trinity`

Specifies the `TagValue`, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of `project : Trinity` and `cost-center : Trinity`,

```
"setterMethodName" : "setValue",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
```

```
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
```

```
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "Key",
 "c2jShape" : "TagKey",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #key(String) }. \n@param key a consumer that will call methods on { @link String.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #key(String)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
```

```

 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\n@param key Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\n@return Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Key",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\n@param key Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,

```

```

 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique
for the Elasticsearch domain to which they are attached.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "Value",
 "c2jShape" : "TagValue",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned
to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can
have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center :
Trinity</code></p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need
to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a
consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #value(String)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key.
Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag
set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the
corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a
key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@param
value Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be
null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of
<code>project : Trinity</code> and <code>cost-center : Trinity</code>\n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding
tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair

```

in a tag set of `project : Trinity` and `cost-center : Trinity`

@return Specifies the `TagValue`, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of `project : Trinity` and `cost-center : Trinity`,

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Value",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
```

"setterDocumentation" : "

Specifies the `TagValue`, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of `project : Trinity` and `cost-center : Trinity`

@param value Specifies the `TagValue`, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of `project : Trinity` and `cost-center : Trinity`,

```
"setterMethodName" : "setValue",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
```

```

"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag
key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in
a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["Key", "Value"],
"shapeName" : "Tag",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "Tag",
 "variableName" : "tag",
 "variableType" : "Tag",
 "documentation" : null,
 "simpleType" : "Tag",
 "variableSetterType" : "Tag"
},
"wrapper" : false
},
"UpdateElasticsearchDomainConfigRequest" : {
 "c2jName" : "UpdateElasticsearchDomainConfigRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Container for the parameters to the <code><a>UpdateElasticsearchDomain</code>
operation. Specifies the type and number of instances in the domain cluster.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,

```

```

"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
 "action" : "UpdateElasticsearchDomainConfig",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/domain/{DomainName}/config",
 "target" : null,
 "verb" : "POST",
 "xmlNamespaceUri" : null
},
"members" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are
updating. </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n\n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating.
</p>\n\n@param domainName The name of the Elasticsearch domain that you are updating. \n\n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>\n\n@return The
name of the Elasticsearch domain that you are updating.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```



```

 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>\n@param
domainName The name of the Elasticsearch domain that you are updating.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
 "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
 "c2jName" : "ElasticsearchClusterConfig",
 "c2jShape" : "ElasticsearchClusterConfig",

```

```

"defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",
"deprecated" : false,
"documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>\n@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain cluster. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>\n@return The type and number of instances to instantiate for the domain cluster.",
"getterModel" : {
 "returnType" : "ElasticsearchClusterConfig",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchClusterConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchClusterConfig",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,

```

```

"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>The type and number of instances to instantiate for the domain
cluster.</p>\n@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain
cluster.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEbsOptions",
 "beanStyleSetterMethodName" : "setEbsOptions",
 "c2jName" : "EBSOptions",
 "c2jShape" : "EBSOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you
want to use. </p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the
need to create one manually via { @link EBSOptions#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link
#ebsOptions(EBSOptions)}. \n@param ebsOptions a consumer that will call methods on { @link
EBSOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #ebsOptions(EBSOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "ebsOptions",
 "fluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use.
</p>\n@param ebsOptions Specify the type and size of the EBS volume that you want to use.\n@return Returns a

```

reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "ebsOptions",
```

```
"getterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>\n@return
```

Specify the type and size of the EBS volume that you want to use.",

```
"getterModel" : {
```

```
 "returnType" : "EBSOptions",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "EBSOptions",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "EBSOptions",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "SDK_POJO",
```

```
"name" : "EBSOptions",
```

```
"setterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>\n@param
```

ebsOptions Specify the type and size of the EBS volume that you want to use.",

```
"setterMethodName" : "setEbsOptions",
```

```
"setterModel" : {
```

```
 "variableDeclarationType" : "EBSOptions",
```

```
 "variableName" : "ebsOptions",
```

```
 "variableType" : "EBSOptions",
```

```
 "documentation" : null,
```

```
 "simpleType" : "EBSOptions",
```

```
 "variableSetterType" : "EBSOptions"
```

```
},
```

```
"simple" : false,
```

```
"timestampFormat" : null,
```

```
"variable" : {
```

```
 "variableDeclarationType" : "EBSOptions",
```

```

 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>",
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSnapshotOptions",
 "beanStyleSetterMethodName" : "setSnapshotOptions",
 "c2jName" : "SnapshotOptions",
 "c2jShape" : "SnapshotOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily
automated snapshot. Default value is <code>0</code> hours. </p>\nThis is a convenience that creates an instance of
the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions.Builder#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
 "deprecated" : false,
 "documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value
is <code>0</code> hours. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "snapshotOptions",
 "fluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot.
Default value is <code>0</code> hours. </p>\n@param snapshotOptions Option to set the time, in UTC format, for
the daily automated snapshot. Default value is <code>0</code> hours. \n@return Returns a reference to this object
so that method calls can be chained together.",
 "fluentSetterMethodName" : "snapshotOptions",
 "getterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default
value is <code>0</code> hours. </p>\n@return Option to set the time, in UTC format, for the daily automated
snapshot. Default value is <code>0</code> hours.",
 "getterModel" : {
 "returnType" : "SnapshotOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

```

```

 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SnapshotOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SnapshotOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "SnapshotOptions",
 "setterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. </p>\n@param snapshotOptions Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours.",
 "setterMethodName" : "setSnapshotOptions",
 "setterModel" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : null,
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. </p>",
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getVpcOptions",
 "beanStyleSetterMethodName" : "setVpcOptions",
 "c2jName" : "VPCOptions",
 "c2jShape" : "VPCOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for

```

VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*

This is a convenience that creates an instance of the `VPCOptions.Builder` avoiding the need to create one manually via `VPCOptions.builder()`.

When the `Consumer` completes, `VPCOptions.Builder#build()` is called immediately and its result is passed to `#vpcOptions(VPCOptions)`.

`vpcOptions` a consumer that will call methods on `VPCOptions.Builder`

Returns a reference to this object so that method calls can be chained together.

See `#vpcOptions(VPCOptions)`,

"deprecated" : false,

"documentation" : "

Options to specify the subnets and security groups for VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "vpcOptions",

"fluentSetterDocumentation" : "

Options to specify the subnets and security groups for VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*

`vpcOptions` Options to specify the subnets and security groups for VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*

Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "vpcOptions",

"getterDocumentation" : "

Options to specify the subnets and security groups for VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*

Returns Options to specify the subnets and security groups for VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*

"getterModel" : {

"returnType" : "VPCOptions",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

```

 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VPCOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VPCOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "VPCOptions",
 "setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.",
 "setterMethodName" : "setVpcOptions",
 "setterModel" : {
 "variableDeclarationType" : "VPCOptions",
 "variableName" : "vpcOptions",
 "variableType" : "VPCOptions",
 "documentation" : null,
 "simpleType" : "VPCOptions",
 "variableSetterType" : "VPCOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "VPCOptions",
 "variableName" : "vpcOptions",
 "variableType" : "VPCOptions",
 "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",
 "simpleType" : "VPCOptions",
 "variableSetterType" : "VPCOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getCognitoOptions",

```



```

"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for
Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding
the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link
#cognitoOptions(CognitoOptions)}. \n@param cognitoOptions a consumer that will call methods on { @link
CognitoOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #cognitoOptions(CognitoOptions)",
"deprecated" : false,
"documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana
authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana
authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication.
For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@return Options to
specify the Cognito user and identity pools for Kibana authentication. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.",
"getterModel" : {
 "returnType" : "CognitoOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

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"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CognitoOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CognitoOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : null,
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>",
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAdvancedOptions",
 "beanStyleSetterMethodName" : "setAdvancedOptions",

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 "c2jName" : "AdvancedOptions",
 "c2jShape" : "AdvancedOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.</p>\nThis is a convenience that creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #advancedOptions(Map<String,String>)",
 "deprecated" : false,
 "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "advancedOptions",
 "fluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.</p>\n@param advancedOptions Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "advancedOptions",
 "getterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.</p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n@return Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,String>",

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"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AdvancedOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AdvancedOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new

```

value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
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 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the Value property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,

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 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration

```

Advanced Options

for more information.

`@param advancedOptions` Modifies the advanced option to allow references to indices in an HTTP request body. Must be `false` when configuring access to individual sub-resources. By default, the value is `true`. See [Configuration Advanced Options](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options) for more information.

```

"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.</p>",
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAccessPolicies",
 "beanStyleSetterMethodName" : "setAccessPolicies",
 "c2jName" : "AccessPolicies",
 "c2jShape" : "PolicyDocument",
 "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param accessPolicies a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #accessPolicies(String)",
 "deprecated" : false,
 "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,

```



```

"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy
as a JSON-formatted string.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AccessPolicies",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AccessPolicies",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,

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"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
 "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
 "c2jName" : "LogPublishingOptions",
 "c2jShape" : "LogPublishingOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder}
avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately
and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.\n@param
logPublishingOptions a consumer that will call methods on { @link
Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
 "deprecated" : false,
 "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "logPublishingOptions",
 "fluentEnumSetterMethodName" : "logPublishingOptions",
 "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
 "fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>,
each containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "logPublishingOptionsWithStrings",
 "getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null
 },
 "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LogPublishingOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKeyAsString",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "LogType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : "LogType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "key",
 "fluentEnumSetterMethodName" : "key",
 "fluentGetterMethodName" : "keyAsString",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
 "fluentSetterMethodName" : "key",

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"getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #key } will return { @link LogType#UNKNOWN\_TO\_SDK\_VERSION }. The raw value returned by the service is available from { @link #keyAsString }.\n</p>\n@return The value of the Key property for this object.\n@see LogType",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
```

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 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "LogPublishingOption",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create
one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer} completes, { @link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #value(LogPublishingOption)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object. \n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object. \n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "LogPublishingOption",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,

```

```

 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : null,
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : "",
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",

```

```

"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null,
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "AccessPolicies" : {
 "beanStyleGetterMethodName" : "getAccessPolicies",
 "beanStyleSetterMethodName" : "setAccessPolicies",
 "c2jName" : "AccessPolicies",
 "c2jShape" : "PolicyDocument",
 "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted
string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param
accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #accessPolicies(String)",
 "deprecated" : false,
 "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "accessPolicies",
 "fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param
accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "accessPolicies",
 "getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@return IAM access
policy as a JSON-formatted string.",

```

```

"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AccessPolicies",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AccessPolicies",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
 "simpleType" : "String",

```



```

 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"AdvancedOptions" : {
 "beanStyleGetterMethodName" : "getAdvancedOptions",
 "beanStyleSetterMethodName" : "setAdvancedOptions",
 "c2jName" : "AdvancedOptions",
 "c2jShape" : "AdvancedOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.</p>\nThis is a convenience that creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #advancedOptions(Map<String,String>)",
 "deprecated" : false,
 "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "advancedOptions",
 "fluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.</p>\n@param advancedOptions Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "advancedOptions",
 "getterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.</p>\n<p>\nAttempts to modify the collection returned by this method

```

will result in an `UnsupportedOperationException`.  
 @return Modifies the advanced option to allow references to indices in an HTTP request body. Must be `false` when configuring access to individual sub-resources. By default, the value is `true`. See [Configuration Advanced Options](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options) for more information.",

```

 "getterModel" : {
 "returnType" : "java.util.Map<String,String>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AdvancedOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AdvancedOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : true,
 "mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #key(String)}. \n\n@param key a consumer that will call methods on {@link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #key(String)",
 "deprecated" : false,
 "documentation" : ""
 }
 }
 }

```

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 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",

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```

 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. \n@param value a
consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object. \n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object. \n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,

```

```

 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"

```

```

 },
 "marshallingType" : "MAP",
 "name" : "AdvancedOptions",
 "setterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options for more information.</p>\n@param advancedOptions Modifies the advanced option to
allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to
individual sub-resources. By default, the value is <code>>true</code>. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options for more
information.",
 "setterMethodName" : "setAdvancedOptions",
 "setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options for more information.</p>",
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
 },
 "xmlNamespaceUri" : null
},
"CognitoOptions" : {
 "beanStyleGetterMethodName" : "getCognitoOptions",
 "beanStyleSetterMethodName" : "setCognitoOptions",
 "c2jName" : "CognitoOptions",
 "c2jShape" : "CognitoOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools
for Kibana authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding
the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer} completes,

```

```

{ @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link
#cognitoOptions(CognitoOptions)}.
@param cognitoOptions a consumer that will call methods on { @link
CognitoOptions.Builder}
@return Returns a reference to this object so that method calls can be chained
together.
@see #cognitoOptions(CognitoOptions)",
 "deprecated" : false,
 "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "cognitoOptions",
 "fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana
authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana.</p>
@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana
authentication. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for
Kibana.
@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "cognitoOptions",
 "getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication.
For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>
@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\"
target=\"_blank\">Amazon Cognito Authentication for Kibana.",
 "getterModel" : {
 "returnType" : "CognitoOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "CognitoOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "CognitoOptions",
 "uri" : false
 },
}

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication.
For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
cognito-auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>\n@param
cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : null,
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html\" target=\"_blank\">Amazon Cognito Authentication for Kibana.</p>",
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
},
"xmlNamespaceUri" : null
},
"DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are
updating. </p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to
create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}. \n@param
domainName a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this

```



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object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating.
</p>\n@param domainName The name of the Elasticsearch domain that you are updating.\n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>\n@return The
name of the Elasticsearch domain that you are updating.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>\n@param
domainName The name of the Elasticsearch domain that you are updating.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {

```

```

 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "simple" : true,
 "timestampFormat" : null,
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 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "xmlNamespaceUri" : null
},
"EBSOptions" : {
 "beanStyleGetterMethodName" : "getEbsOptions",
 "beanStyleSetterMethodName" : "setEbsOptions",
 "c2jName" : "EBSOptions",
 "c2jShape" : "EBSOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the need to create one manually via { @link EBSOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link #ebsOptions(EBSOptions)}. \n@param ebsOptions a consumer that will call methods on { @link EBSOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #ebsOptions(EBSOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "ebsOptions",
 "fluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>\n@param ebsOptions Specify the type and size of the EBS volume that you want to use. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "ebsOptions",
 "getterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>\n@return Specify the type and size of the EBS volume that you want to use.",
 "getterModel" : {
 "returnType" : "EBSOptions",
 "documentation" : null
 }
}

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 "http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EBSOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EBSOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "EBSOptions",
 "setterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use.
</p>\n@param ebsOptions Specify the type and size of the EBS volume that you want to use.",
 "setterMethodName" : "setEbsOptions",
 "setterModel" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : null,
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
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 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>",
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
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 "xmlNamespaceUri" : null

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 },
 "ElasticsearchClusterConfig" : {
 "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
 "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
 "c2jName" : "ElasticsearchClusterConfig",
 "c2jShape" : "ElasticsearchClusterConfig",
 "defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the
domain cluster.</p>\nThis is a convenience that creates an instance of the { @link
ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfig#builder()}. \n\nWhen the { @link Consumer} completes, { @link
ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link
#elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a consumer that
will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",
 "deprecated" : false,
 "documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchClusterConfig",
 "fluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the domain
cluster.</p>\n@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain
cluster. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchClusterConfig",
 "getterDocumentation" : "<p>The type and number of instances to instantiate for the domain
cluster.</p>\n@return The type and number of instances to instantiate for the domain cluster.",
 "getterModel" : {
 "returnType" : "ElasticsearchClusterConfig",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchClusterConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchClusterConfig",
 "uri" : false
 },
}

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 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "ElasticsearchClusterConfig",
 "setterDocumentation" : "<p>The type and number of instances to instantiate for the domain
cluster.</p>\n@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain
cluster.",
 "setterMethodName" : "setElasticsearchClusterConfig",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
 },
 "xmlNamespaceUri" : null
},
"LogPublishingOptions" : {
 "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
 "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
 "c2jName" : "LogPublishingOptions",
 "c2jShape" : "LogPublishingOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder}
avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately
and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.\n@param
logPublishingOptions a consumer that will call methods on { @link
Map<String,LogPublishingOption>.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
 "deprecated" : false,

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"documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "logPublishingOptions",
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentGetterMethodName" : "logPublishingOptionsAsStrings",
"fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\n@param logPublishingOptions Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "logPublishingOptionsWithStrings",
"getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
"getterModel" : {
 "returnType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LogPublishingOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LogPublishingOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",

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"keyLocationName" : "key",
"keyModel" : {
 "beanStyleGetterMethodName" : "getKeyAsString",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "LogType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis
is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : "LogType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "key",
 "fluentEnumSetterMethodName" : "key",
 "fluentGetterMethodName" : "keyAsString",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
},

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 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n@see LogType",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "LogPublishingOption",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.\n\nThis is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the
need to create one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer}
completes, { @link LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n\n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #value(LogPublishingOption)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,

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 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
 "getterModel" : {
 "returnType" : "LogPublishingOption",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Value",
 "setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
 "setterMethodName" : "setValue",
 "setterModel" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : null,

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 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : "",
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null,
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
},
"SnapshotOptions" : {
 "beanStyleGetterMethodName" : "getSnapshotOptions",

```

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"beanStyleSetterMethodName" : "setSnapshotOptions",
"c2jName" : "SnapshotOptions",
"c2jShape" : "SnapshotOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily
automated snapshot. Default value is <code>0</code> hours. </p>\nThis is a convenience that creates an instance of
the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
"deprecated" : false,
"documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value
is <code>0</code> hours. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot.
Default value is <code>0</code> hours. </p>\n@param snapshotOptions Option to set the time, in UTC format, for
the daily automated snapshot. Default value is <code>0</code> hours. \n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default
value is <code>0</code> hours. </p>\n@return Option to set the time, in UTC format, for the daily automated
snapshot. Default value is <code>0</code> hours.",
"getterModel" : {
 "returnType" : "SnapshotOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SnapshotOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SnapshotOptions",
 "uri" : false
},

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default
value is <code>0</code> hours. </p>\n@param snapshotOptions Option to set the time, in UTC format, for the
daily automated snapshot. Default value is <code>0</code> hours.",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : null,
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default
value is <code>0</code> hours. </p>",
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
},
"xmlNamespaceUri" : null
},
"VPCOptions" : {
 "beanStyleGetterMethodName" : "getVpcOptions",
 "beanStyleSetterMethodName" : "setVpcOptions",
 "c2jName" : "VPCOptions",
 "c2jShape" : "VPCOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for
VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC
Endpoints for Amazon Elasticsearch Service Domains</i></p>\nThis is a convenience that creates an instance of
the { @link VPCOptions.Builder} avoiding the need to create one manually via { @link
VPCOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCOptions.Builder#build()} is
called immediately and its result is passed to { @link #vpcOptions(VPCOptions)}. \n@param vpcOptions a
consumer that will call methods on { @link VPCOptions.Builder} \n@return Returns a reference to this object so that
method calls can be chained together. \n@see #vpcOptions(VPCOptions)",

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 "deprecated" : false,
 "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i></p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "vpcOptions",
 "fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch
Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC
endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC
Endpoints for Amazon Elasticsearch Service Domains</i>\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "vpcOptions",
 "getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i></p>\n@return Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i>",
 "getterModel" : {
 "returnType" : "VPCOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VPCOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VPCOptions",
 "uri" : false
 },
 "idempotencyToken" : false,

```

```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch
Service Domains</i>,</p>
"setterMethodName" : "setVpcOptions",
"setterModel" : {
 "variableDeclarationType" : "VPCOptions",
 "variableName" : "vpcOptions",
 "variableType" : "VPCOptions",
 "documentation" : null,
 "simpleType" : "VPCOptions",
 "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "VPCOptions",
 "variableName" : "vpcOptions",
 "variableType" : "VPCOptions",
 "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i></p>",</p>
 "simpleType" : "VPCOptions",
 "variableSetterType" : "VPCOptions"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are
updating. </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}.</p>\nWhen the { @link Consumer} completes, { @link

```

String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}.  
@param domainName a consumer that will call methods on { @link String.Builder}  
@return Returns a reference to this object so that method calls can be chained together.  
@see #domainName(String)",

```
"deprecated" : false,
"documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating.
</p>\n@param domainName The name of the Elasticsearch domain that you are updating.\n@return Returns a
reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>\n@return The
name of the Elasticsearch domain that you are updating.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "uri",
 "marshallLocation" : "PATH",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>\n@param
domainName The name of the Elasticsearch domain that you are updating.",
```

```

"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
 "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
 "c2jName" : "ElasticsearchClusterConfig",
 "c2jShape" : "ElasticsearchClusterConfig",
 "defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}. \nWhen the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}. \n@param elasticsearchClusterConfig a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",
 "deprecated" : false,
 "documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "elasticsearchClusterConfig",
 "fluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>\n@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain cluster. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "elasticsearchClusterConfig",
 "getterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>\n@return The type and number of instances to instantiate for the domain cluster.",
 "getterModel" : {

```



```

 "returnType" : "ElasticsearchClusterConfig",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ElasticsearchClusterConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ElasticsearchClusterConfig",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "ElasticsearchClusterConfig",
 "setterDocumentation" : "<p>The type and number of instances to instantiate for the domain
cluster.</p>\n@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain
cluster.",
 "setterMethodName" : "setElasticsearchClusterConfig",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchClusterConfig",
 "variableSetterType" : "ElasticsearchClusterConfig"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
 "variableName" : "elasticsearchClusterConfig",
 "variableType" : "ElasticsearchClusterConfig",
 "documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
 "simpleType" : "ElasticsearchClusterConfig",

```

```

 "variableSetterType" : "ElasticsearchClusterConfig"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getEbsOptions",
 "beanStyleSetterMethodName" : "setEbsOptions",
 "c2jName" : "EBSOptions",
 "c2jShape" : "EBSOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you
want to use. </p>\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the
need to create one manually via { @link EBSOptions#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link
#ebsOptions(EBSOptions)}. \n@param ebsOptions a consumer that will call methods on { @link
EBSOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #ebsOptions(EBSOptions)",
 "deprecated" : false,
 "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "ebsOptions",
 "fluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use.
</p>\n@param ebsOptions Specify the type and size of the EBS volume that you want to use. \n@return Returns a
reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "ebsOptions",
 "getterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>\n@return
Specify the type and size of the EBS volume that you want to use.",
 "getterModel" : {
 "returnType" : "EBSOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "EBSOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "EBSOptions",
 "uri" : false
 }
}

```

```

 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "EBSOptions",
 "setterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>\n@param
ebsOptions Specify the type and size of the EBS volume that you want to use.",
 "setterMethodName" : "setEbsOptions",
 "setterModel" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : null,
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "EBSOptions",
 "variableName" : "ebsOptions",
 "variableType" : "EBSOptions",
 "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>",
 "simpleType" : "EBSOptions",
 "variableSetterType" : "EBSOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSnapshotOptions",
 "beanStyleSetterMethodName" : "setSnapshotOptions",
 "c2jName" : "SnapshotOptions",
 "c2jShape" : "SnapshotOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily
automated snapshot. Default value is <code>0</code> hours. </p>\nThis is a convenience that creates an instance of
the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link
SnapshotOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions)}. \n@param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #snapshotOptions(SnapshotOptions)",
 "deprecated" : false,
 "documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value
is <code>0</code> hours. </p>",

```

```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot.
Default value is <code>0</code> hours. </p>\n@param snapshotOptions Option to set the time, in UTC format, for
the daily automated snapshot. Default value is <code>0</code> hours.\n@return Returns a reference to this object
so that method calls can be chained together.",
"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default
value is <code>0</code> hours. </p>\n@return Option to set the time, in UTC format, for the daily automated
snapshot. Default value is <code>0</code> hours.",
"getterModel" : {
 "returnType" : "SnapshotOptions",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SnapshotOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SnapshotOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default
value is <code>0</code> hours. </p>\n@param snapshotOptions Option to set the time, in UTC format, for the
daily automated snapshot. Default value is <code>0</code> hours.",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {

```

```

 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : null,
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "SnapshotOptions",
 "variableName" : "snapshotOptions",
 "variableType" : "SnapshotOptions",
 "documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value
is <code>0</code> hours. </p>",
 "simpleType" : "SnapshotOptions",
 "variableSetterType" : "SnapshotOptions"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getVpcOptions",
 "beanStyleSetterMethodName" : "setVpcOptions",
 "c2jName" : "VPCOptions",
 "c2jShape" : "VPCOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for
VPC endpoint. For more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC
Endpoints for Amazon Elasticsearch Service Domains</i></p>\nThis is a convenience that creates an instance of
the { @link VPCOptions.Builder} avoiding the need to create one manually via { @link
VPCOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link VPCOptions.Builder#build()} is
called immediately and its result is passed to { @link #vpcOptions(VPCOptions)}. \n@param vpcOptions a
consumer that will call methods on { @link VPCOptions.Builder}\n@return Returns a reference to this object so that
method calls can be chained together. \n@see #vpcOptions(VPCOptions)",
 "deprecated" : false,
 "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i></p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "vpcOptions",
 "fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For
more information, see <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
vpc.html#es-creating-vpc\" target=\"_blank\">Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch
Service Domains</i></p>\n@param vpcOptions Options to specify the subnets and security groups for VPC

```

endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in *VPC Endpoints for Amazon Elasticsearch Service Domains*.  
@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "vpcOptions",
```

```
"getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains</p>\n@return Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains</i>",
```

```
"getterModel" : {
```

```
 "returnType" : "VPCOptions",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "VPCOptions",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "VPCOptions",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "SDK_POJO",
```

```
"name" : "VPCOptions",
```

```
"setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains</p>\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains</i>",
```

```

"setterMethodName" : "setVpcOptions",
"setterModel" : {
 "variableDeclarationType" : "VPCOptions",
 "variableName" : "vpcOptions",
 "variableType" : "VPCOptions",
 "documentation" : null,
 "simpleType" : "VPCOptions",
 "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "VPCOptions",
 "variableName" : "vpcOptions",
 "variableType" : "VPCOptions",
 "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>",
 "simpleType" : "VPCOptions",
 "variableSetterType" : "VPCOptions"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getCognitoOptions",
 "beanStyleSetterMethodName" : "setCognitoOptions",
 "c2jName" : "CognitoOptions",
 "c2jShape" : "CognitoOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions#builder()}. \n\nWhen the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link #cognitoOptions(CognitoOptions)}. \n@param cognitoOptions a consumer that will call methods on { @link CognitoOptions.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #cognitoOptions(CognitoOptions)",
 "deprecated" : false,
 "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "cognitoOptions",
 "fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana

```

authentication. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html).

`@param cognitoOptions` Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html).

`@return` Returns a reference to this object so that method calls can be chained together.

```
"fluentSetterMethodName" : "cognitoOptions",
```

```
"getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>\n@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.",
```

```
"getterModel" : {
```

```
 "returnType" : "CognitoOptions",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "CognitoOptions",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "CognitoOptions",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "SDK_POJO",
```

```
"name" : "CognitoOptions",
```

```
"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.",
```



```

"setterMethodName" : "setCognitoOptions",
"setterModel" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : null,
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "CognitoOptions",
 "variableName" : "cognitoOptions",
 "variableType" : "CognitoOptions",
 "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see Amazon Cognito Authentication for Kibana.</p>",
 "simpleType" : "CognitoOptions",
 "variableSetterType" : "CognitoOptions"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAdvancedOptions",
 "beanStyleSetterMethodName" : "setAdvancedOptions",
 "c2jName" : "AdvancedOptions",
 "c2jShape" : "AdvancedOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.</p>\nThis is a convenience that creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(Map<String,String>)}. \n@param advancedOptions a consumer that will call methods on { @link Map<String,String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #advancedOptions(Map<String,String>)",
 "deprecated" : false,
 "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,

```

```

 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "advancedOptions",
 "fluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP
request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the
value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options for more information.</p>\n@param advancedOptions
Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code>
when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-advanced-options\" target=\"_blank\">Configuration Advanced Options for more
information.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "advancedOptions",
 "getterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request
body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is
<code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options\" target=\"_blank\">Configuration
Advanced Options for more information.</p>\n<p>\nAttempts to modify the collection returned by this method
will result in an UnsupportedOperationException.\n</p>\n@return Modifies the advanced option to allow references
to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-
resources. By default, the value is <code>>true</code>. See <a href=\"http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options\"
target=\"_blank\">Configuration Advanced Options for more information.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,String>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AdvancedOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AdvancedOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,

```

```

"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",
 "interfaceType" : "java.util.Map",
 "keyLocationName" : "key",
 "keyModel" : {
 "beanStyleGetterMethodName" : "getKey",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. \n@param key a consumer that will call methods on
{ @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "key",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the
Key property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",

```

```

 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called
immediately and its result is passed to {@link #value(String)}. \n\n@param value a consumer that will call methods on
{@link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #value(String)",
 "deprecated" : false,
 "documentation" : ""

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```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",

```

```

 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "value",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.</p>\n@param advancedOptions Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is <code>>true</code>. See Configuration Advanced Options for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : null,
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>>false</code> when configuring access to individual sub-resources. By default, the value is

```

`<code>true</code>`. See <http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options> Configuration Advanced Options for more information.

```
"simpleType" : "Map<String,String>",
"variableSetterType" : "java.util.Map<String,String>"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getAccessPolicies",
"beanStyleSetterMethodName" : "setAccessPolicies",
"c2jName" : "AccessPolicies",
"c2jShape" : "PolicyDocument",
"defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. \n@param accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #accessPolicies(String)",
"deprecated" : false,
"documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@return IAM access policy as a JSON-formatted string.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AccessPolicies",
"queryString" : false,
```

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 "statusCode" : false,
 "unmarshallLocationName" : "AccessPolicies",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "AccessPolicies",
 "setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
 "setterMethodName" : "setAccessPolicies",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
 "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
 "c2jName" : "LogPublishingOptions",
 "c2jShape" : "LogPublishingOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log.</p>\nThis is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder}
avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}.</p>\nWhen the
{ @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately
and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.</p>\n@param
logPublishingOptions a consumer that will call methods on { @link
Map<String,LogPublishingOption>.Builder}</p>\n@return Returns a reference to this object so that method calls can be

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chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
 "deprecated" : false,
 "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "logPublishingOptions",
 "fluentEnumSetterMethodName" : "logPublishingOptions",
 "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
 "fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>,
each containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "logPublishingOptionsWithStrings",
 "getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each
containing options to publish a given type of Elasticsearch log.</p>\n<p>\nAttempts to modify the collection
returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type
of Elasticsearch log.",
 "getterModel" : {
 "returnType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "LogPublishingOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "LogPublishingOptions",
 "uri" : false
},
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
 "implType" : "java.util.HashMap",

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"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
 "beanStyleGetterMethodName" : "getKeyAsString",
 "beanStyleSetterMethodName" : "setKey",
 "c2jName" : "key",
 "c2jShape" : "LogType",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #keyAsString(String)}. \n@param key a consumer that will call
methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : "LogType",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "key",
 "fluentEnumSetterMethodName" : "key",
 "fluentGetterMethodName" : "keyAsString",
 "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new
value for the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that
method calls can be chained together.\n@see LogType",
 "fluentSetterMethodName" : "key",
 "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns
an enum value that is not available in the current SDK version, { @link #key} will return { @link
LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link
#keyAsString}. \n</p>\n@return The value of the Key property for this object.\n@see LogType",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
 }
}

```

```

 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value
for the Key property for this object.\n\n@see LogType",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "LogPublishingOption",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create
one manually via { @link LogPublishingOption#builder()}. \n\nWhen the { @link Consumer} completes, { @link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}. \n\n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #value(LogPublishingOption)",
 "deprecated" : false,
 "documentation" : ""
}

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The
new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the
Value property for this object.",
"getterModel" : {
 "returnType" : "LogPublishingOption",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new
value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",

```

```

 "documentation" : null,
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "LogPublishingOption",
 "variableName" : "value",
 "variableType" : "LogPublishingOption",
 "documentation" : "",
 "simpleType" : "LogPublishingOption",
 "variableSetterType" : "LogPublishingOption"
 },
 "xmlNamespaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null,
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>",
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,

```

```

"requestSignerClassFqcn" : null,
"required" : ["DomainName"],
"shapeName" : "UpdateElasticsearchDomainConfigRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "UpdateElasticsearchDomainConfigRequest",
 "variableName" : "updateElasticsearchDomainConfigRequest",
 "variableType" : "UpdateElasticsearchDomainConfigRequest",
 "documentation" : null,
 "simpleType" : "UpdateElasticsearchDomainConfigRequest",
 "variableSetterType" : "UpdateElasticsearchDomainConfigRequest"
},
"wrapper" : false
},
"UpdateElasticsearchDomainConfigResponse" : {
 "c2jName" : "UpdateElasticsearchDomainConfigResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>The result of an <code>UpdateElasticsearchDomain</code> request. Contains the status of the Elasticsearch domain being updated.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getDomainConfig",
 "beanStyleSetterMethodName" : "setDomainConfig",
 "c2jName" : "DomainConfig",
 "c2jShape" : "ElasticsearchDomainConfig",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain.
</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via { @link ElasticsearchDomainConfig#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to { @link #domainConfig(ElasticsearchDomainConfig)}. \n@param domainConfig a consumer that will call

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methods on { @link ElasticsearchDomainConfig.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainConfig(ElasticsearchDomainConfig)",

```
"deprecated" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainConfig",
"fluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@param
domainConfig The status of the updated Elasticsearch domain.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "domainConfig",
"getterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@return The status of the
updated Elasticsearch domain.",
"getterModel" : {
 "returnType" : "ElasticsearchDomainConfig",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainConfig",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainConfig",
"setterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@param domainConfig
The status of the updated Elasticsearch domain.",
"setterMethodName" : "setDomainConfig",
```

```

"setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",
 "variableName" : "domainConfig",
 "variableType" : "ElasticsearchDomainConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainConfig",
 "variableSetterType" : "ElasticsearchDomainConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",
 "variableName" : "domainConfig",
 "variableType" : "ElasticsearchDomainConfig",
 "documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
 "simpleType" : "ElasticsearchDomainConfig",
 "variableSetterType" : "ElasticsearchDomainConfig"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainConfig" : {
 "beanStyleGetterMethodName" : "getDomainConfig",
 "beanStyleSetterMethodName" : "setDomainConfig",
 "c2jName" : "DomainConfig",
 "c2jShape" : "ElasticsearchDomainConfig",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain.
</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via { @link ElasticsearchDomainConfig#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to { @link #domainConfig(ElasticsearchDomainConfig)}. \n@param domainConfig a consumer that will call
methods on { @link ElasticsearchDomainConfig.Builder} \n@return Returns a reference to this object so that method
calls can be chained together. \n@see #domainConfig(ElasticsearchDomainConfig)",
 "deprecated" : false,
 "documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainConfig",
 "fluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@param
domainConfig The status of the updated Elasticsearch domain. \n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "domainConfig",
 "getterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@return The status of the
updated Elasticsearch domain.",
 "getterModel" : {

```



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 "returnType" : "ElasticsearchDomainConfig",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainConfig",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "DomainConfig",
 "setterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@param domainConfig
The status of the updated Elasticsearch domain.",
 "setterMethodName" : "setDomainConfig",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",
 "variableName" : "domainConfig",
 "variableType" : "ElasticsearchDomainConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainConfig",
 "variableSetterType" : "ElasticsearchDomainConfig"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",
 "variableName" : "domainConfig",
 "variableType" : "ElasticsearchDomainConfig",
 "documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
 "simpleType" : "ElasticsearchDomainConfig",
 "variableSetterType" : "ElasticsearchDomainConfig"
 }

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 },
 "xmlNamespaceUri" : null
 }
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainConfig",
 "beanStyleSetterMethodName" : "setDomainConfig",
 "c2jName" : "DomainConfig",
 "c2jShape" : "ElasticsearchDomainConfig",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain.
</p>\nThis is a convenience that creates an instance of the { @link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via { @link ElasticsearchDomainConfig#builder()}. \n\nWhen the { @link
Consumer} completes, { @link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to { @link #domainConfig(ElasticsearchDomainConfig)}. \n@param domainConfig a consumer that will call
methods on { @link ElasticsearchDomainConfig.Builder}\n@return Returns a reference to this object so that method
calls can be chained together.\n@see #domainConfig(ElasticsearchDomainConfig)",
 "deprecated" : false,
 "documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainConfig",
 "fluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@param
domainConfig The status of the updated Elasticsearch domain.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "domainConfig",
 "getterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@return The status of the
updated Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "ElasticsearchDomainConfig",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainConfig",

```

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 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "DomainConfig",
 "setterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n@param domainConfig
The status of the updated Elasticsearch domain.",
 "setterMethodName" : "setDomainConfig",
 "setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",
 "variableName" : "domainConfig",
 "variableType" : "ElasticsearchDomainConfig",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainConfig",
 "variableSetterType" : "ElasticsearchDomainConfig"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",
 "variableName" : "domainConfig",
 "variableType" : "ElasticsearchDomainConfig",
 "documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
 "simpleType" : "ElasticsearchDomainConfig",
 "variableSetterType" : "ElasticsearchDomainConfig"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["DomainConfig"],
"shapeName" : "UpdateElasticsearchDomainConfigResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "UpdateElasticsearchDomainConfigResponse",
 "variableName" : "updateElasticsearchDomainConfigResponse",
 "variableType" : "UpdateElasticsearchDomainConfigResponse",
 "documentation" : null,

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 "simpleType" : "UpdateElasticsearchDomainConfigResponse",
 "variableSetterType" : "UpdateElasticsearchDomainConfigResponse"
 },
 "wrapper" : false
},
"UpgradeElasticsearchDomainRequest" : {
 "c2jName" : "UpgradeElasticsearchDomainRequest",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Container for request parameters to <code> <a>UpgradeElasticsearchDomain
</code> operation. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "UpgradeElasticsearchDomain",
 "locationName" : null,
 "requestUri" : "/2015-01-01/es/upgradeDomain",
 "target" : null,
 "verb" : "POST",
 "xmlNameSpaceUri" : null
 },
 "members" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@
param domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : ""
 }
],
 "deprecated" : false,
 "documentation" : ""
}

```

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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of
the DomainName property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",

```

```

 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getTargetVersion",
 "beanStyleSetterMethodName" : "setTargetVersion",
 "c2jName" : "TargetVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #targetVersion(String)}. \n@param targetVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #targetVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "targetVersion",
 "fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "targetVersion",
 "getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```

```

 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TargetVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TargetVersion",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "TargetVersion",
 "setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
 "setterMethodName" : "setTargetVersion",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getPerformCheckOnly",
 "beanStyleSetterMethodName" : "setPerformCheckOnly",
 "c2jName" : "PerformCheckOnly",
 "c2jShape" : "Boolean",

```

"defaultConsumerFluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #performCheckOnly(Boolean)}. \n@param performCheckOnly a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #performCheckOnly(Boolean)",

"deprecated" : false,

"documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "performCheckOnly",

"fluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "performCheckOnly",

"getterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",

"getterModel" : {  
  "returnType" : "Boolean",  
  "documentation" : null

},

"http" : {  
  "additionalMarshallingPath" : null,  
  "additionalUnmarshallingPath" : null,  
  "flattened" : false,  
  "greedy" : false,  
  "header" : false,  
  "isPayload" : false,  
  "isStreaming" : false,  
  "location" : null,  
  "marshallLocation" : "PAYLOAD",  
  "marshallLocationName" : "PerformCheckOnly",  
  "queryString" : false,  
  "statusCode" : false,  
  "unmarshallLocationName" : "PerformCheckOnly",  
  "uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,



```

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PerformCheckOnly",
"setterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to
be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to
True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the
Upgrade.",
"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "performCheckOnly",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "performCheckOnly",
 "variableType" : "Boolean",
 "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
performed. This will not actually perform the Upgrade. </p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

```

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"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value
of the DomainName property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"

```

```

 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"PerformCheckOnly" : {
 "beanStyleGetterMethodName" : "getPerformCheckOnly",
 "beanStyleSetterMethodName" : "setPerformCheckOnly",
 "c2jName" : "PerformCheckOnly",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #performCheckOnly(Boolean)}. \n@param performCheckOnly a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #performCheckOnly(Boolean)",
 "deprecated" : false,
 "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "performCheckOnly",
 "fluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "performCheckOnly",
 "getterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
 "getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,

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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "PerformCheckOnly",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "PerformCheckOnly",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PerformCheckOnly",
"setterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to
be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to
True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the
Upgrade.",
"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
"variableDeclarationType" : "Boolean",
"variableName" : "performCheckOnly",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Boolean",
"variableName" : "performCheckOnly",
"variableType" : "Boolean",
"documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
performed. This will not actually perform the Upgrade. </p>",
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null

```

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 },
 "TargetVersion" : {
 "beanStyleGetterMethodName" : "getTargetVersion",
 "beanStyleSetterMethodName" : "setTargetVersion",
 "c2jName" : "TargetVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade
the domain to.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need
to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #targetVersion(String)}. \n@param
targetVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #targetVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "targetVersion",
 "fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return
Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "targetVersion",
 "getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TargetVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TargetVersion",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,

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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName" : "setTargetVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,

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 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of
the DomainName property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 },

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"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getTargetVersion",
 "beanStyleSetterMethodName" : "setTargetVersion",
 "c2jName" : "TargetVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #targetVersion(String)}. \n@param targetVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #targetVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "targetVersion",
 "fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "targetVersion",
 "getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

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"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TargetVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TargetVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName" : "setTargetVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getPerformCheckOnly",
 "beanStyleSetterMethodName" : "setPerformCheckOnly",
 "c2jName" : "PerformCheckOnly",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade
Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\nThis is a convenience
that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link
Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called

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immediately and its result is passed to { @link #performCheckOnly(Boolean)}. \n@param performCheckOnly a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #performCheckOnly(Boolean)",

"deprecated" : false,

"documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "performCheckOnly",

"fluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "performCheckOnly",

"getterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",

"getterModel" : {  
 "returnType" : "Boolean",  
 "documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "PerformCheckOnly",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "PerformCheckOnly",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "BOOLEAN",

```

"name" : "PerformCheckOnly",
"setterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to
be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to
True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the
Upgrade.",
"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "performCheckOnly",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "performCheckOnly",
 "variableType" : "Boolean",
 "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
performed. This will not actually perform the Upgrade. </p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["DomainName", "TargetVersion"],
"shapeName" : "UpgradeElasticsearchDomainRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "UpgradeElasticsearchDomainRequest",
 "variableName" : "upgradeElasticsearchDomainRequest",
 "variableType" : "UpgradeElasticsearchDomainRequest",
 "documentation" : null,
 "simpleType" : "UpgradeElasticsearchDomainRequest",
 "variableSetterType" : "UpgradeElasticsearchDomainRequest"
},
"wrapper" : false
},
"UpgradeElasticsearchDomainResponse" : {
 "c2jName" : "UpgradeElasticsearchDomainResponse",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,

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 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Container for response returned by <code> <a>UpgradeElasticsearchDomain
</code> operation. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object. \n\n@param
domainName The new value for the DomainName property for this object. \n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "Returns the value of the DomainName property for this object. \n@return The value of
the DomainName property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getTargetVersion",

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"beanStyleSetterMethodName" : "setTargetVersion",
"c2jName" : "TargetVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade
the domain to.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need
to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #targetVersion(String)}. \n@param
targetVersion a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #targetVersion(String)",
"deprecated" : false,
"documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "targetVersion",
"getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TargetVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TargetVersion",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,

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"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName" : "setTargetVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getPerformCheckOnly",
 "beanStyleSetterMethodName" : "setPerformCheckOnly",
 "c2jName" : "PerformCheckOnly",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade
Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\nThis is a convenience
that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link
Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called
immediately and its result is passed to { @link #performCheckOnly(Boolean)}. \n@param performCheckOnly a
consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #performCheckOnly(Boolean)",
 "deprecated" : false,
 "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
performed. This will not actually perform the Upgrade. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "performCheckOnly",
 "fluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check

```

needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "performCheckOnly",
```

```
"getterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
```

```
"getterModel" : {
```

```
 "returnType" : "Boolean",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "PerformCheckOnly",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "PerformCheckOnly",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "BOOLEAN",
```

```
"name" : "PerformCheckOnly",
```

```
"setterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
```

```
"setterMethodName" : "setPerformCheckOnly",
```

```
"setterModel" : {
```

```
 "variableDeclarationType" : "Boolean",
```

```
 "variableName" : "performCheckOnly",
```

```
 "variableType" : "Boolean",
```

```
 "documentation" : null,
```

```
 "simpleType" : "Boolean",
```

```
 "variableSetterType" : "Boolean"
```



```

 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "performCheckOnly",
 "variableType" : "Boolean",
 "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
performed. This will not actually perform the Upgrade. </p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "DomainName" : {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value
of the DomainName property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,

```

```

 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param
domainName The new value for the DomainName property for this object.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"PerformCheckOnly" : {
 "beanStyleGetterMethodName" : "getPerformCheckOnly",
 "beanStyleSetterMethodName" : "setPerformCheckOnly",
 "c2jName" : "PerformCheckOnly",

```

```

 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #performCheckOnly(Boolean)}. \n@param performCheckOnly a consumer that will call methods on { @link Boolean.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #performCheckOnly(Boolean)",
 "deprecated" : false,
 "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "performCheckOnly",
 "fluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "performCheckOnly",
 "getterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
 "getModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "PerformCheckOnly",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "PerformCheckOnly",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,

```

```

"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PerformCheckOnly",
"setterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to
be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to
True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the
Upgrade.",
"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "performCheckOnly",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "performCheckOnly",
 "variableType" : "Boolean",
 "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
performed. This will not actually perform the Upgrade. </p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"xmlNamespaceUri" : null
},
"TargetVersion" : {
 "beanStyleGetterMethodName" : "getTargetVersion",
 "beanStyleSetterMethodName" : "setTargetVersion",
 "c2jName" : "TargetVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade
the domain to.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need
to create one manually via {@link String#builder()}. \n\nWhen the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #targetVersion(String)}. \n@param
targetVersion a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.\n@see #targetVersion(String)",
 "deprecated" : false,
 "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

```

```

"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "targetVersion",
"getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TargetVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TargetVersion",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName" : "setTargetVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
}

```

```

 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. \n@param
domainName a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this
object so that method calls can be chained together. \n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object. \n\n@param
domainName The new value for the DomainName property for this object. \n@return Returns a reference to this
object so that method calls can be chained together.",
 "fluentSetterMethodName" : "domainName",
 "getterDocumentation" : "Returns the value of the DomainName property for this object. \n@return The value of
the DomainName property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

```

```

 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getTargetVersion",
 "beanStyleSetterMethodName" : "setTargetVersion",
 "c2jName" : "TargetVersion",
 "c2jShape" : "ElasticsearchVersionString",
 "defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade

```

the domain to.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.</p>\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #targetVersion(String)}.</p>\n@param targetVersion a consumer that will call methods on { @link String.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained together.</p>\n@see #targetVersion(String)",

```
"deprecated" : false,
"documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.</p>\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "targetVersion",
"getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "TargetVersion",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "TargetVersion",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
```



```

"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain
to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName" : "setTargetVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getPerformCheckOnly",
 "beanStyleSetterMethodName" : "setPerformCheckOnly",
 "c2jName" : "PerformCheckOnly",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade
Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\nThis is a convenience
that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link
Boolean#builder()}. \n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called
immediately and its result is passed to { @link #performCheckOnly(Boolean)}. \n@param performCheckOnly a
consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #performCheckOnly(Boolean)",
 "deprecated" : false,
 "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
performed. This will not actually perform the Upgrade. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "performCheckOnly",
 "fluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check
needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag,
when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform
the Upgrade.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "performCheckOnly",

```

"getterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",

```
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "PerformCheckOnly",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "PerformCheckOnly",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PerformCheckOnly",
```

"setterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",

```
"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
 "variableDeclarationType" : "Boolean",
 "variableName" : "performCheckOnly",
 "variableType" : "Boolean",
 "documentation" : null,
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
```

```

 "variableDeclarationType" : "Boolean",
 "variableName" : "performCheckOnly",
 "variableType" : "Boolean",
 "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
performed. This will not actually perform the Upgrade. </p>",
 "simpleType" : "Boolean",
 "variableSetterType" : "Boolean"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "UpgradeElasticsearchDomainResponse",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "UpgradeElasticsearchDomainResponse",
 "variableName" : "upgradeElasticsearchDomainResponse",
 "variableType" : "UpgradeElasticsearchDomainResponse",
 "documentation" : null,
 "simpleType" : "UpgradeElasticsearchDomainResponse",
 "variableSetterType" : "UpgradeElasticsearchDomainResponse"
},
"wrapper" : false
},
"UpgradeHistory" : {
 "c2jName" : "UpgradeHistory",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>History of the last 10 Upgrades and Upgrade Eligibility Checks.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,

```

```

"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getUpgradeName",
 "beanStyleSetterMethodName" : "setUpgradeName",
 "c2jName" : "UpgradeName",
 "c2jShape" : "UpgradeName",
 "defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String.Builder}. \n\nWhen the { @link Consumer} completes, { @link String.Builder.Builder#build()} is called
immediately and its result is passed to { @link #upgradeName(String)}. \n@param upgradeName a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together. \n@see #upgradeName(String)",
 "deprecated" : false,
 "documentation" : "<p>A string that describes the update briefly</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "upgradeName",
 "fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A
string that describes the update briefly\n@return Returns a reference to this object so that method calls can be
chained together.",
 "fluentSetterMethodName" : "upgradeName",
 "getterDocumentation" : "<p>A string that describes the update briefly</p>\n@return A string that describes the
update briefly",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
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},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeName",
 "uri" : false
},

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeName",
"setterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string
that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeName",
 "variableType" : "String",
 "documentation" : "<p>A string that describes the update briefly</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStartTimestamp",
 "beanStyleSetterMethodName" : "setStartTimestamp",
 "c2jName" : "StartTimestamp",
 "c2jShape" : "StartTimestamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made
in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\nThis is a convenience that creates an instance of the { @link
Instant.Builder} avoiding the need to create one manually via { @link Instant#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Instant.Builder#build()} is called immediately and its result is passed to { @link
#startTimestamp(Instant)}. \n@param startTimestamp a consumer that will call methods on { @link
Instant.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#startTimestamp(Instant)",
 "deprecated" : false,
 "documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>",
 "enumType" : null,
 "eventHeader" : false,

```

```

"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTimestamp",
"fluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "startTimestamp",
"getterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\n@return UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.",
"getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StartTimestamp",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StartTimestamp",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTimestamp",
"setterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.",
"setterMethodName" : "setStartTimestamp",
"setterModel" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "startTimestamp",

```

```

 "variableType" : "java.time.Instant",
 "documentation" : null,
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
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 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "startTimestamp",
 "variableType" : "java.time.Instant",
 "documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpgradeStatusAsString",
 "beanStyleSetterMethodName" : "setUpgradeStatus",
 "c2jName" : "UpgradeStatus",
 "c2jShape" : "UpgradeStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> The overall status of the update. The status can take one of the following values: In Progress Succeeded Succeeded with Issues Failed </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #upgradeStatusAsString(String)}. \n@param upgradeStatus a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #upgradeStatus(String)",
 "deprecated" : false,
 "documentation" : "<p> The overall status of the update. The status can take one of the following values: In Progress Succeeded Succeeded with Issues Failed </p>",
 "enumType" : "UpgradeStatus",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "upgradeStatus",
 "fluentEnumSetterMethodName" : "upgradeStatus",
 "fluentGetterMethodName" : "upgradeStatusAsString",
 "fluentSetterDocumentation" : "<p> The overall status of the update. The status can take one of the following values: In Progress Succeeded Succeeded with Issues Failed </p>\n@param upgradeStatus The overall status of the update. The status can take one of the following values: In Progress Succeeded Succeeded with Issues Failed \n@see UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStatus",
 "fluentSetterMethodName" : "upgradeStatus",
 "getterDocumentation" : "<p> The overall status of the update. The status can take one of the following values: In Progress Succeeded Succeeded with Issues Failed </p>\n<p>\nIf

```

the service returns an enum value that is not available in the current SDK version, {@link #upgradeStatus} will return {@link UpgradeStatus#UNKNOWN\_TO\_SDK\_VERSION}. The raw value returned by the service is available from {@link #upgradeStatusAsString}.

The overall status of the update. The status can take one of the following values: 

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

```

"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStatus",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStatus",

```

"setterDocumentation" : "<p> The overall status of the update. The status can take one of the following values: 

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

 </p>

@param upgradeStatus The overall status of the update. The status can take one of the following values: 

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

```

"setterMethodName" : "setUpgradeStatus",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStatus",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,

```



```

"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStatus",
 "variableType" : "String",
 "documentation" : "<p> The overall status of the update. The status can take one of the following values:
In Progress Succeeded Succeeded with Issues Failed </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStepsList",
 "beanStyleSetterMethodName" : "setStepsList",
 "c2jName" : "StepsList",
 "c2jShape" : "UpgradeStepsList",
 "defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s
representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.
</p>\nThis is a convenience that creates an instance of the { @link List<UpgradeStepItem>.Builder} avoiding the
need to create one manually via { @link List<UpgradeStepItem>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<UpgradeStepItem>.Builder#build()} is called immediately and its result is passed to { @link
#stepsList(List<UpgradeStepItem>)}. \n@param stepsList a consumer that will call methods on { @link
List<UpgradeStepItem>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #stepsList(List<UpgradeStepItem>)",
 "deprecated" : false,
 "documentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing information about
each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "stepsList",
 "fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing
information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>\n@param
stepsList A list of <code> <a>UpgradeStepItem </code> s representing information about each step performed
as part of a specific Upgrade or Upgrade Eligibility Check. \n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "stepsList",
 "getterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing information
about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return A
list of <code> <a>UpgradeStepItem </code> s representing information about each step performed as part of a
specific Upgrade or Upgrade Eligibility Check.",
 "getterModel" : {
 "returnType" : "java.util.List<UpgradeStepItem>",
 "documentation" : null
 },
},

```

```

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StepsList",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StepsList",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "UpgradeStepItem",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link UpgradeStepItem.Builder} avoiding the need
to create one manually via { @link UpgradeStepItem#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link UpgradeStepItem.Builder#build()} is called immediately and its result is passed to { @link
#member(UpgradeStepItem)}. \n@param member a consumer that will call methods on { @link
UpgradeStepItem.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #member(UpgradeStepItem)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of

```

the Member property for this object.",

```
"getterModel" : {
 "returnType" : "UpgradeStepItem",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
```

"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",

```
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "UpgradeStepItem",
 "variableName" : "member",
 "variableType" : "UpgradeStepItem",
 "documentation" : null,
 "simpleType" : "UpgradeStepItem",
 "variableSetterType" : "UpgradeStepItem"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "UpgradeStepItem",
 "variableName" : "member",
 "variableType" : "UpgradeStepItem",
 "documentation" : "",
```

```

 "simpleType" : "UpgradeStepItem",
 "variableSetterType" : "UpgradeStepItem"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeStepItem",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeStepItem",
"templateImplType" : "java.util.ArrayList<UpgradeStepItem>",
"templateType" : "java.util.List<UpgradeStepItem>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StepsList",
"setterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>\n@param stepsList A list of <code> <a>UpgradeStepItem </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.",
"setterMethodName" : "setStepsList",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
 "variableName" : "stepsList",
 "variableType" : "java.util.List<UpgradeStepItem>",
 "documentation" : null,
 "simpleType" : "List<UpgradeStepItem>",
 "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
 "variableName" : "stepsList",
 "variableType" : "java.util.List<UpgradeStepItem>",
 "documentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>",
 "simpleType" : "List<UpgradeStepItem>",
 "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "StartTimestamp" : {
 "beanStyleGetterMethodName" : "getStartTimestamp",

```

```

"beanStyleSetterMethodName" : "setStartTimestamp",
"c2jName" : "StartTimestamp",
"c2jShape" : "StartTimestamp",
"defaultConsumerFluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was
made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\nThis is a convenience that creates an instance of the { @link
Instant.Builder} avoiding the need to create one manually via { @link Instant#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Instant.Builder#build()} is called immediately and its result is passed to { @link
#startTimestamp(Instant)}. \n@param startTimestamp a consumer that will call methods on { @link
Instant.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#startTimestamp(Instant)",
"deprecated" : false,
"documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTimestamp",
"fluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made
in \"yyyy-MM-ddTHH:mm:ssZ\" format.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "startTimestamp",
"getterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>\n@return UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.",
"getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StartTimestamp",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StartTimestamp",
 "uri" : false
},
"idempotencyToken" : false,

```

```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTimestamp",
"setterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.",
"setterMethodName" : "setStartTimestamp",
"setterModel" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "startTimestamp",
 "variableType" : "java.time.Instant",
 "documentation" : null,
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "startTimestamp",
 "variableType" : "java.time.Instant",
 "documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
},
"StepsList" : {
 "beanStyleGetterMethodName" : "getStepsList",
 "beanStyleSetterMethodName" : "setStepsList",
 "c2jName" : "StepsList",
 "c2jShape" : "UpgradeStepsList",
 "defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>\nThis is a convenience that creates an instance of the { @link List<UpgradeStepItem>.Builder} avoiding the need to create one manually via { @link List<UpgradeStepItem>#builder()}.</p>\nWhen the { @link Consumer} completes, { @link List<UpgradeStepItem>.Builder#build()} is called immediately and its result is passed to { @link #stepsList(List<UpgradeStepItem>)}.</p>\n@param stepsList a consumer that will call methods on { @link List<UpgradeStepItem>.Builder}</p>\n@return Returns a reference to this object so that method calls can be chained together.</p>\n@see #stepsList(List<UpgradeStepItem>)",
 "deprecated" : false,
 "documentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing information about

```

each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>

```
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "stepsList",
```

```
"fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing
information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>\n@param
stepsList A list of <code> <a>UpgradeStepItem </code> s representing information about each step performed
as part of a specific Upgrade or Upgrade Eligibility Check.\n@return Returns a reference to this object so that
method calls can be chained together.",
```

```
"fluentSetterMethodName" : "stepsList",
```

```
"getterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing information
about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return A
list of <code> <a>UpgradeStepItem </code> s representing information about each step performed as part of a
specific Upgrade or Upgrade Eligibility Check.",
```

```
"getterModel" : {
 "returnType" : "java.util.List<UpgradeStepItem>",
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StepsList",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StepsList",
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : true,
```

```
"listModel" : {
```

```
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
```

```

 "c2jName" : "member",
 "c2jShape" : "UpgradeStepItem",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link UpgradeStepItem.Builder} avoiding the need
to create one manually via { @link UpgradeStepItem#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link UpgradeStepItem.Builder#build()} is called immediately and its result is passed to { @link
#member(UpgradeStepItem)}. \n@param member a consumer that will call methods on { @link
UpgradeStepItem.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(UpgradeStepItem)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "UpgradeStepItem",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,

```



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"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "UpgradeStepItem",
 "variableName" : "member",
 "variableType" : "UpgradeStepItem",
 "documentation" : null,
 "simpleType" : "UpgradeStepItem",
 "variableSetterType" : "UpgradeStepItem"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "UpgradeStepItem",
 "variableName" : "member",
 "variableType" : "UpgradeStepItem",
 "documentation" : "",
 "simpleType" : "UpgradeStepItem",
 "variableSetterType" : "UpgradeStepItem"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeStepItem",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeStepItem",
"templateImplType" : "java.util.ArrayList<UpgradeStepItem>",
"templateType" : "java.util.List<UpgradeStepItem>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StepsList",
"setterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing information
about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>\n\n@param stepsList A
list of <code> <a>UpgradeStepItem </code> s representing information about each step performed as pard of a
specific Upgrade or Upgrade Eligibility Check.",
"setterMethodName" : "setStepsList",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<UpgradeStepItem>",

```

```

"variableName" : "stepsList",
"variableType" : "java.util.List<UpgradeStepItem>",
"documentation" : null,
"simpleType" : "List<UpgradeStepItem>",
"variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<UpgradeStepItem>",
"variableName" : "stepsList",
"variableType" : "java.util.List<UpgradeStepItem>",
"documentation" : "<p>A list of <code> <a>UpgradeStepItem </code> s representing information about
each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>",
"simpleType" : "List<UpgradeStepItem>",
"variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"xmlNamespaceUri" : null
},
"UpgradeName" : {
"beanStyleGetterMethodName" : "getUpgradeName",
"beanStyleSetterMethodName" : "setUpgradeName",
"c2jName" : "UpgradeName",
"c2jShape" : "UpgradeName",
"defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #upgradeName(String)}. \n@param upgradeName a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together. \n@see #upgradeName(String)",
"deprecated" : false,
"documentation" : "<p>A string that describes the update briefly</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeName",
"fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A
string that describes the update briefly\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "upgradeName",
"getterDocumentation" : "<p>A string that describes the update briefly</p>\n@return A string that describes
the update briefly",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
},

```

```

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeName",
"setterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string
that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeName",
 "variableType" : "String",
 "documentation" : "<p>A string that describes the update briefly</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},

```

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"UpgradeStatus" : {
 "beanStyleGetterMethodName" : "getUpgradeStatusAsString",
 "beanStyleSetterMethodName" : "setUpgradeStatus",
 "c2jName" : "UpgradeStatus",
 "c2jShape" : "UpgradeStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> The overall status of the update. The status can take one
of the following values: In Progress Succeeded Succeeded with Issues
Failed </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#upgradeStatusAsString(String)}. \n@param upgradeStatus a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#upgradeStatus(String)",
 "deprecated" : false,
 "documentation" : "<p> The overall status of the update. The status can take one of the following values:
In Progress Succeeded Succeeded with Issues Failed </p>",
 "enumType" : "UpgradeStatus",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "upgradeStatus",
 "fluentEnumSetterMethodName" : "upgradeStatus",
 "fluentGetterMethodName" : "upgradeStatusAsString",
 "fluentSetterDocumentation" : "<p> The overall status of the update. The status can take one of the following
values: In Progress Succeeded Succeeded with Issues Failed
</p>\n@param upgradeStatus The overall status of the update. The status can take one of the following values:
In Progress Succeeded Succeeded with Issues Failed \n@see
UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together. \n@see
UpgradeStatus",
 "fluentSetterMethodName" : "upgradeStatus",
 "getterDocumentation" : "<p> The overall status of the update. The status can take one of the following values:
 In Progress Succeeded Succeeded with Issues Failed </p>\n<p>\nIf
the service returns an enum value that is not available in the current SDK version, { @link #upgradeStatus} will
return { @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is
available from { @link #upgradeStatusAsString}. \n</p>\n@return The overall status of the update. The status can
take one of the following values: In Progress Succeeded Succeeded with Issues
Failed \n@see UpgradeStatus",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,

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"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeStatus",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeStatus",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStatus",
"setterDocumentation" : "<p> The overall status of the update. The status can take one of the following values:
 In Progress Succeeded Succeeded with Issues Failed </p>\n@param
upgradeStatus The overall status of the update. The status can take one of the following values: In
Progress Succeeded Succeeded with Issues Failed \n@see UpgradeStatus",
"setterMethodName" : "setUpgradeStatus",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStatus",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStatus",
 "variableType" : "String",
 "documentation" : "<p> The overall status of the update. The status can take one of the following values:
 In Progress Succeeded Succeeded with Issues Failed </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getUpgradeName",
 "beanStyleSetterMethodName" : "setUpgradeName",
 "c2jName" : "UpgradeName",

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"c2jShape" : "UpgradeName",
"defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\nThis is a
convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #upgradeName(String)}. \n@param upgradeName a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be
chained together.\n@see #upgradeName(String)",
"deprecated" : false,
"documentation" : "<p>A string that describes the update briefly</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeName",
"fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A
string that describes the update briefly\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "upgradeName",
"getterDocumentation" : "<p>A string that describes the update briefly</p>\n@return A string that describes the
update briefly",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeName",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,

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"marshallingType" : "STRING",
"name" : "UpgradeName",
"setterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string
that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeName",
 "variableType" : "String",
 "documentation" : "<p>A string that describes the update briefly</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStartTimestamp",
 "beanStyleSetterMethodName" : "setStartTimestamp",
 "c2jName" : "StartTimestamp",
 "c2jShape" : "StartTimestamp",
 "defaultConsumerFluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made
in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\nThis is a convenience that creates an instance of the { @link
Instant.Builder} avoiding the need to create one manually via { @link Instant#builder()}. \n\nWhen the { @link
Consumer} completes, { @link Instant.Builder#build()} is called immediately and its result is passed to { @link
#startTimestamp(Instant)}. \n@param startTimestamp a consumer that will call methods on { @link
Instant.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#startTimestamp(Instant)",
 "deprecated" : false,
 "documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "startTimestamp",
 "fluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made
in \"yyyy-MM-ddTHH:mm:ssZ\" format.\n@return Returns a reference to this object so that method calls can be

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chained together.",
 "fluentSetterMethodName" : "startTimestamp",
 "getterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\n@return UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.",
 "getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StartTimestamp",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StartTimestamp",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INSTANT",
 "name" : "StartTimestamp",
 "setterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.",
 "setterMethodName" : "setStartTimestamp",
 "setterModel" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "startTimestamp",
 "variableType" : "java.time.Instant",
 "documentation" : null,
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
 },
 "simple" : true,
 "timestampFormat" : null,

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"variable" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "startTimestamp",
 "variableType" : "java.time.Instant",
 "documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ\" format.</p>",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpgradeStatusAsString",
 "beanStyleSetterMethodName" : "setUpgradeStatus",
 "c2jName" : "UpgradeStatus",
 "c2jShape" : "UpgradeStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> The overall status of the update. The status can take one
of the following values: In Progress Succeeded Succeeded with Issues
Failed </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding
the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link
#upgradeStatusAsString(String)}. \n@param upgradeStatus a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#upgradeStatus(String)",
 "deprecated" : false,
 "documentation" : "<p> The overall status of the update. The status can take one of the following values:
In Progress Succeeded Succeeded with Issues Failed </p>",
 "enumType" : "UpgradeStatus",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "upgradeStatus",
 "fluentEnumSetterMethodName" : "upgradeStatus",
 "fluentGetterMethodName" : "upgradeStatusAsString",
 "fluentSetterDocumentation" : "<p> The overall status of the update. The status can take one of the following
values: In Progress Succeeded Succeeded with Issues Failed
</p>\n@param upgradeStatus The overall status of the update. The status can take one of the following values:
In Progress Succeeded Succeeded with Issues Failed \n@see
UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together. \n@see
UpgradeStatus",
 "fluentSetterMethodName" : "upgradeStatus",
 "getterDocumentation" : "<p> The overall status of the update. The status can take one of the following values:
 In Progress Succeeded Succeeded with Issues Failed </p>\n<p>\nIf
the service returns an enum value that is not available in the current SDK version, { @link #upgradeStatus} will
return { @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is
available from { @link #upgradeStatusAsString}. \n</p>\n@return The overall status of the update. The status can
take one of the following values: In Progress Succeeded Succeeded with Issues
Failed \n@see UpgradeStatus",
 "getterModel" : {
 "returnType" : "String",

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"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStatus",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStatus",
"setterDocumentation" : "<p> The overall status of the update. The status can take one of the following values:
 In Progress Succeeded Succeeded with Issues Failed </p>\n@param
upgradeStatus The overall status of the update. The status can take one of the following values: In
Progress Succeeded Succeeded with Issues Failed \n@see UpgradeStatus",
"setterMethodName" : "setUpgradeStatus",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStatus",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStatus",
 "variableType" : "String",
 "documentation" : "<p> The overall status of the update. The status can take one of the following values:
In Progress Succeeded Succeeded with Issues Failed </p>",

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 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStepsList",
 "beanStyleSetterMethodName" : "setStepsList",
 "c2jName" : "StepsList",
 "c2jShape" : "UpgradeStepsList",
 "defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s
representing information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check.
</p>\nThis is a convenience that creates an instance of the { @link List<UpgradeStepItem>.Builder} avoiding the
need to create one manually via { @link List<UpgradeStepItem>#builder()}. \n\nWhen the { @link Consumer}
completes, { @link List<UpgradeStepItem>.Builder#build()} is called immediately and its result is passed to { @link
#stepsList(List<UpgradeStepItem>)}. \n@param stepsList a consumer that will call methods on { @link
List<UpgradeStepItem>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #stepsList(List<UpgradeStepItem>)",
 "deprecated" : false,
 "documentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing information about
each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "stepsList",
 "fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing
information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>\n@param
stepsList A list of <code> <a>UpgradeStepItem </code> s representing information about each step performed
as pard of a specific Upgrade or Upgrade Eligibility Check. \n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "stepsList",
 "getterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing information
about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>\n<p>\nAttempts to
modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return A
list of <code> <a>UpgradeStepItem </code> s representing information about each step performed as pard of a
specific Upgrade or Upgrade Eligibility Check.",
 "getterModel" : {
 "returnType" : "java.util.List<UpgradeStepItem>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

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"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StepsList",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StepsList",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "UpgradeStepItem",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link UpgradeStepItem.Builder} avoiding the need
to create one manually via { @link UpgradeStepItem#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link UpgradeStepItem.Builder#build()} is called immediately and its result is passed to { @link
#member(UpgradeStepItem)}. \n@param member a consumer that will call methods on { @link
UpgradeStepItem.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(UpgradeStepItem)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "UpgradeStepItem",
 "documentation" : null
 }
 },
 "http" : {
 "additionalMarshallingPath" : null,

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```

 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "UpgradeStepItem",
 "variableName" : "member",
 "variableType" : "UpgradeStepItem",
 "documentation" : null,
 "simpleType" : "UpgradeStepItem",
 "variableSetterType" : "UpgradeStepItem"
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 "simple" : false,
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 "variableDeclarationType" : "UpgradeStepItem",
 "variableName" : "member",
 "variableType" : "UpgradeStepItem",
 "documentation" : "",
 "simpleType" : "UpgradeStepItem",
 "variableSetterType" : "UpgradeStepItem"
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 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeStepItem",

```

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 "map" : false,
 "memberAdditionalMarshallingPath" : null,
 "memberAdditionalUnmarshallingPath" : null,
 "simple" : false,
 "simpleType" : "UpgradeStepItem",
 "templateImplType" : "java.util.ArrayList<UpgradeStepItem>",
 "templateType" : "java.util.List<UpgradeStepItem>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "StepsList",
 "setterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>\n@param stepsList A list of <code> <a>UpgradeStepItem </code> s representing information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check.",
 "setterMethodName" : "setStepsList",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
 "variableName" : "stepsList",
 "variableType" : "java.util.List<UpgradeStepItem>",
 "documentation" : null,
 "simpleType" : "List<UpgradeStepItem>",
 "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
 "variableName" : "stepsList",
 "variableType" : "java.util.List<UpgradeStepItem>",
 "documentation" : "<p> A list of <code> <a>UpgradeStepItem </code> s representing information about each step performed as pard of a specific Upgrade or Upgrade Eligibility Check. </p>",
 "simpleType" : "List<UpgradeStepItem>",
 "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
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 "xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "UpgradeHistory",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {

```

```

 "variableDeclarationType" : "UpgradeHistory",
 "variableName" : "upgradeHistory",
 "variableType" : "UpgradeHistory",
 "documentation" : null,
 "simpleType" : "UpgradeHistory",
 "variableSetterType" : "UpgradeHistory"
 },
 "wrapper" : false
},
"UpgradeStatus" : {
 "c2jName" : "UpgradeStatus",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "",
 "enums" : [{
 "name" : "IN_PROGRESS",
 "value" : "IN_PROGRESS"
 }, {
 "name" : "SUCCEEDED",
 "value" : "SUCCEEDED"
 }, {
 "name" : "SUCCEEDED_WITH_ISSUES",
 "value" : "SUCCEEDED_WITH_ISSUES"
 }, {
 "name" : "FAILED",
 "value" : "FAILED"
 }],
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [],
 "membersAsMap" : { },
 "nonStreamingMembers" : [],
 "requestSignerAware" : false,
 "requestSignerClassFqcn" : null,

```

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"required" : null,
"shapeName" : "UpgradeStatus",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
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"variable" : {
 "variableDeclarationType" : "UpgradeStatus",
 "variableName" : "upgradeStatus",
 "variableType" : "UpgradeStatus",
 "documentation" : null,
 "simpleType" : "UpgradeStatus",
 "variableSetterType" : "UpgradeStatus"
},
"wrapper" : false
},
"UpgradeStep" : {
 "c2jName" : "UpgradeStep",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "",
 "enums" : [{
 "name" : "PRE_UPGRADE_CHECK",
 "value" : "PRE_UPGRADE_CHECK"
 }, {
 "name" : "SNAPSHOT",
 "value" : "SNAPSHOT"
 }, {
 "name" : "UPGRADE",
 "value" : "UPGRADE"
 }],
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,

```



```

"members" : [],
"membersAsMap" : { },
"nonStreamingMembers" : [],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "UpgradeStep",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "UpgradeStep",
 "variableName" : "upgradeStep",
 "variableType" : "UpgradeStep",
 "documentation" : null,
 "simpleType" : "UpgradeStep",
 "variableSetterType" : "UpgradeStep"
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"wrapper" : false
},
"UpgradeStepItem" : {
 "c2jName" : "UpgradeStepItem",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Represents a single step of the Upgrade or Upgrade Eligibility Check workflow.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getUpgradeStepAsString",
 "beanStyleSetterMethodName" : "setUpgradeStep",
 "c2jName" : "UpgradeStep",

```

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 "c2jShape" : "UpgradeStep",
 "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #upgradeStepAsString(String)}. \n@param upgradeStep a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #upgradeStep(String)",
 "deprecated" : false,
 "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade </p>",
 "enumType" : "UpgradeStep",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "upgradeStep",
 "fluentEnumSetterMethodName" : "upgradeStep",
 "fluentGetterMethodName" : "upgradeStepAsString",
 "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade </p>\n@param upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStep",
 "fluentSetterMethodName" : "upgradeStep",
 "getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #upgradeStep} will return { @link UpgradeStep#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #upgradeStepAsString}. \n</p>\n@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStep",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStep",
 "uri" : false
 }

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 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "UpgradeStep",
 "setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: PreUpgradeCheck Snapshot Upgrade </p>\n@param upgradeStep
Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep",
 "setterMethodName" : "setUpgradeStep",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
 PreUpgradeCheck Snapshot Upgrade </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpgradeStepStatusAsString",
 "beanStyleSetterMethodName" : "setUpgradeStepStatus",
 "c2jName" : "UpgradeStepStatus",
 "c2jShape" : "UpgradeStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> The status of a particular step during an upgrade. The
status can take one of the following values: In Progress Succeeded Succeeded with
Issues Failed </p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#upgradeStepStatusAsString(String)}. \n@param upgradeStepStatus a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together. \n@see
#upgradeStepStatus(String)",

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 "deprecated" : false,
 "documentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: In Progress Succeeded Succeeded with Issues Failed
 </p>",
 "enumType" : "UpgradeStatus",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "upgradeStepStatus",
 "fluentEnumSetterMethodName" : "upgradeStepStatus",
 "fluentGetterMethodName" : "upgradeStepStatusAsString",
 "fluentSetterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of
the following values: In Progress Succeeded Succeeded with Issues Failed
 </p>\n@param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of
the following values: In Progress Succeeded Succeeded with Issues Failed
\n@see UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained
together.\n@see UpgradeStatus",
 "fluentSetterMethodName" : "upgradeStepStatus",
 "getterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: In Progress Succeeded Succeeded with Issues Failed
 </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#upgradeStepStatus } will return { @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION }. The raw value
returned by the service is available from { @link #upgradeStepStatusAsString }.</p>\n@return The status of a
particular step during an upgrade. The status can take one of the following values: In Progress
Succeeded Succeeded with Issues Failed \n@see UpgradeStatus",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStepStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStepStatus",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,

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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStepStatus",
"setterDocumentation" : "<p>The status of a particular step during an upgrade. The status can take one of the
following values: In Progress Succeeded Succeeded with Issues Failed
 </p>\n@param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of
the following values: In Progress Succeeded Succeeded with Issues Failed
\n@see UpgradeStatus",
"setterMethodName" : "setUpgradeStepStatus",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStepStatus",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStepStatus",
 "variableType" : "String",
 "documentation" : "<p>The status of a particular step during an upgrade. The status can take one of the
following values: In Progress Succeeded Succeeded with Issues Failed
 </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getIssues",
 "beanStyleSetterMethodName" : "setIssues",
 "c2jName" : "Issues",
 "c2jShape" : "Issues",
 "defaultConsumerFluentSetterDocumentation" : "<p>A list of strings containing detailed information about the
errors encountered in a particular step.</p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #issues(List<String>)}. \n@param issues a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together. \n@see #issues(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>",
 "enumType" : null,

```

```

"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "issues",
"fluentSetterDocumentation" : "<p>A list of strings containing detailed information about the errors
encountered in a particular step.</p>\n@param issues A list of strings containing detailed information about the
errors encountered in a particular step.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "issues",
"getterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return A list of strings containing detailed information about the errors
encountered in a particular step.",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Issues",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Issues",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "Issue",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create

```

one manually via `{ @link String#builder()}.  
String.Builder#build()}` is called immediately and its result is passed to `{ @link #member(String)}`.  
member a consumer that will call methods on `{ @link String.Builder}`  
@return Returns a reference to this object so that method calls can be chained together.  
@see #member(String)",

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"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.
The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.
@return The value of the Member property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.
@param member The new
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value for the Member property for this object.",

```
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "Issues",
"setterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>\n@param issues A list of strings containing detailed information about the errors encountered in a particular step.",
"setterMethodName" : "setIssues",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "issues",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
```



```

"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "issues",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getProgressPercent",
 "beanStyleSetterMethodName" : "setProgressPercent",
 "c2jName" : "ProgressPercent",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Floating point value representing progress percentage
of a particular step.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder} avoiding the
need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Double.Builder#build()} is called immediately and its result is passed to { @link
#progressPercent(Double)}. \n@param progressPercent a consumer that will call methods on { @link
Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#progressPercent(Double)",
 "deprecated" : false,
 "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "progressPercent",
 "fluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@param progressPercent The Floating point value representing progress percentage of a particular
step. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "progressPercent",
 "getterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@return The Floating point value representing progress percentage of a particular step.",
 "getterModel" : {
 "returnType" : "Double",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

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 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ProgressPercent",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ProgressPercent",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "DOUBLE",
 "name" : "ProgressPercent",
 "setterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@param progressPercent The Floating point value representing progress percentage of a particular step.",
 "setterMethodName" : "setProgressPercent",
 "setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "progressPercent",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "progressPercent",
 "variableType" : "Double",
 "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "Issues" : {
 "beanStyleGetterMethodName" : "getIssues",
 "beanStyleSetterMethodName" : "setIssues",
 "c2jName" : "Issues",
 "c2jShape" : "Issues",

```

"defaultConsumerFluentSetterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #issues(List<String>)}. \n@param issues a consumer that will call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #issues(List<String>)",

"deprecated" : false,

"documentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "issues",

"fluentSetterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>\n@param issues A list of strings containing detailed information about the errors encountered in a particular step. \n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "issues",

"getterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return A list of strings containing detailed information about the errors encountered in a particular step.",

"getterModel" : {

"returnType" : "java.util.List<String>",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "Issues",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "Issues",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

```

"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "Issue",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 }
 }
}

```

```

 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "Issues",
"setterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a

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particular step.

@param issues A list of strings containing detailed information about the errors encountered in a particular step.

```
"setterMethodName" : "setIssues",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "issues",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "issues",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
},
"ProgressPercent" : {
 "beanStyleGetterMethodName" : "getProgressPercent",
 "beanStyleSetterMethodName" : "setProgressPercent",
 "c2jName" : "ProgressPercent",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Floating point value representing progress
percentage of a particular step.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder}
avoiding the need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer}
completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#progressPercent(Double)}. \n@param progressPercent a consumer that will call methods on { @link
Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#progressPercent(Double)",
 "deprecated" : false,
 "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "progressPercent",
 "fluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@param progressPercent The Floating point value representing progress percentage of a particular
step. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "progressPercent",
```

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"getterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@return The Floating point value representing progress percentage of a particular step.",
"getterModel" : {
 "returnType" : "Double",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ProgressPercent",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ProgressPercent",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "ProgressPercent",
"setterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@param progressPercent The Floating point value representing progress percentage of a particular step.",
"setterMethodName" : "setProgressPercent",
"setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "progressPercent",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "progressPercent",
 "variableType" : "Double",

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 "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
 },
 "xmlNamespaceUri" : null
},
"UpgradeStep" : {
 "beanStyleGetterMethodName" : "getUpgradeStepAsString",
 "beanStyleSetterMethodName" : "setUpgradeStep",
 "c2jName" : "UpgradeStep",
 "c2jShape" : "UpgradeStep",
 "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #upgradeStepAsString(String)}. \n@param upgradeStep a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #upgradeStep(String)",
 "deprecated" : false,
 "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade </p>",
 "enumType" : "UpgradeStep",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "upgradeStep",
 "fluentEnumSetterMethodName" : "upgradeStep",
 "fluentGetterMethodName" : "upgradeStepAsString",
 "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade </p>\n@param upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStep",
 "fluentSetterMethodName" : "upgradeStep",
 "getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #upgradeStep} will return { @link UpgradeStep#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #upgradeStepAsString}. \n</p>\n@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

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 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStep",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStep",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "UpgradeStep",
 "setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: PreUpgradeCheck Snapshot Upgrade </p>\n@param upgradeStep
Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep",
 "setterMethodName" : "setUpgradeStep",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: PreUpgradeCheck Snapshot Upgrade </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"UpgradeStepStatus" : {
 "beanStyleGetterMethodName" : "getUpgradeStepStatusAsString",

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"beanStyleSetterMethodName" : "setUpgradeStepStatus",
"c2jName" : "UpgradeStepStatus",
"c2jShape" : "UpgradeStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> The status of a particular step during an upgrade. The
status can take one of the following values: In Progress Succeeded Succeeded with
Issues Failed </p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#upgradeStepStatusAsString(String)}. \n@param upgradeStepStatus a consumer that will call methods on { @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#upgradeStepStatus(String)",
"deprecated" : false,
"documentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: In Progress Succeeded Succeeded with Issues Failed
 </p>",
"enumType" : "UpgradeStatus",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "upgradeStepStatus",
"fluentEnumSetterMethodName" : "upgradeStepStatus",
"fluentGetterMethodName" : "upgradeStepStatusAsString",
"fluentSetterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one
of the following values: In Progress Succeeded Succeeded with Issues
Failed </p>\n@param upgradeStepStatus The status of a particular step during an upgrade. The status
can take one of the following values: In Progress Succeeded Succeeded with Issues
Failed \n@see UpgradeStatus \n@return Returns a reference to this object so that method calls can be
chained together. \n@see UpgradeStatus",
"fluentSetterMethodName" : "upgradeStepStatus",
"getterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: In Progress Succeeded Succeeded with Issues Failed
 </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#upgradeStepStatus} will return { @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION}. The raw value
returned by the service is available from { @link #upgradeStepStatusAsString}. \n</p>\n@return The status of a
particular step during an upgrade. The status can take one of the following values: In Progress
Succeeded Succeeded with Issues Failed \n@see UpgradeStatus",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,

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 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStepStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStepStatus",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "UpgradeStepStatus",
 "setterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: In Progress Succeeded Succeeded with Issues Failed
 </p>\n@param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of
the following values: In Progress Succeeded Succeeded with Issues Failed
\n@see UpgradeStatus",
 "setterMethodName" : "setUpgradeStepStatus",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStepStatus",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStepStatus",
 "variableType" : "String",
 "documentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: In Progress Succeeded Succeeded with Issues Failed
 </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getUpgradeStepAsString",
 "beanStyleSetterMethodName" : "setUpgradeStep",

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 "c2jName" : "UpgradeStep",
 "c2jShape" : "UpgradeStep",
 "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade </p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #upgradeStepAsString(String)}. \n@param upgradeStep a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #upgradeStep(String)",
 "deprecated" : false,
 "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade </p>",
 "enumType" : "UpgradeStep",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "upgradeStep",
 "fluentEnumSetterMethodName" : "upgradeStep",
 "fluentGetterMethodName" : "upgradeStepAsString",
 "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade </p>\n@param upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep \n@return Returns a reference to this object so that method calls can be chained together. \n@see UpgradeStep",
 "fluentSetterMethodName" : "upgradeStep",
 "getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #upgradeStep} will return { @link UpgradeStep#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #upgradeStepAsString}. \n</p>\n@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStep",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStep",

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 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "UpgradeStep",
 "setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does
through: PreUpgradeCheck Snapshot Upgrade </p>\n@param upgradeStep
Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
PreUpgradeCheck Snapshot Upgrade \n@see UpgradeStep",
 "setterMethodName" : "setUpgradeStep",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
 PreUpgradeCheck Snapshot Upgrade </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getUpgradeStepStatusAsString",
 "beanStyleSetterMethodName" : "setUpgradeStepStatus",
 "c2jName" : "UpgradeStepStatus",
 "c2jShape" : "UpgradeStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> The status of a particular step during an upgrade. The
status can take one of the following values: In Progress Succeeded Succeeded with
Issues Failed </p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link String.Builder#build()} is called immediately and its result is passed to { @link
#upgradeStepStatusAsString(String)}. \n@param upgradeStepStatus a consumer that will call methods on { @link
String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see

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#upgradeStepStatus(String)",
 "deprecated" : false,
 "documentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: In Progress Succeeded Succeeded with Issues Failed
 </p>",
 "enumType" : "UpgradeStatus",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "upgradeStepStatus",
 "fluentEnumSetterMethodName" : "upgradeStepStatus",
 "fluentGetterMethodName" : "upgradeStepStatusAsString",
 "fluentSetterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of
the following values: In Progress Succeeded Succeeded with Issues Failed
 </p>\n@param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of
the following values: In Progress Succeeded Succeeded with Issues Failed
\n@see UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained
together.\n@see UpgradeStatus",
 "fluentSetterMethodName" : "upgradeStepStatus",
 "getterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: In Progress Succeeded Succeeded with Issues Failed
 </p>\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link
#upgradeStepStatus } will return { @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION }. The raw value
returned by the service is available from { @link #upgradeStepStatusAsString }.</p>\n@return The status of a
particular step during an upgrade. The status can take one of the following values: In Progress
Succeeded Succeeded with Issues Failed \n@see UpgradeStatus",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStepStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStepStatus",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,

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"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStepStatus",
"setterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: In Progress Succeeded Succeeded with Issues Failed
 </p>\n@param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of
the following values: In Progress Succeeded Succeeded with Issues Failed
\n@see UpgradeStatus",
"setterMethodName" : "setUpgradeStepStatus",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "upgradeStepStatus",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "upgradeStepStatus",
"variableType" : "String",
"documentation" : "<p> The status of a particular step during an upgrade. The status can take one of the
following values: In Progress Succeeded Succeeded with Issues Failed
 </p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getIssues",
"beanStyleSetterMethodName" : "setIssues",
"c2jName" : "Issues",
"c2jShape" : "Issues",
"defaultConsumerFluentSetterDocumentation" : "<p>A list of strings containing detailed information about the
errors encountered in a particular step.</p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #issues(List<String>)}. \n@param issues a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #issues(List<String>)",
"deprecated" : false,
"documentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>",

```

```

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "issues",
"fluentSetterDocumentation" : "<p>A list of strings containing detailed information about the errors
encountered in a particular step.</p>\n@param issues A list of strings containing detailed information about the
errors encountered in a particular step.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "issues",
"getterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n</p>\n@return A list of strings containing detailed information about the errors
encountered in a particular step.",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Issues",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Issues",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "Issue",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this

```



object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n\n@param member a consumer that will call methods on { @link String.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #member(String)",

```
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n\n@return Returns a reference to this object so that method
calls can be chained together.",
```

```
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object. \n\n@return The value of
the Member property for this object.",
```

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
```

```

"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "Issues",
"setterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>\n\n@param issues A list of strings containing detailed information about the errors encountered in
a particular step.",
"setterMethodName" : "setIssues",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "issues",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
}

```

```

 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "issues",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getProgressPercent",
 "beanStyleSetterMethodName" : "setProgressPercent",
 "c2jName" : "ProgressPercent",
 "c2jShape" : "Double",
 "defaultConsumerFluentSetterDocumentation" : "<p>The Floating point value representing progress percentage
of a particular step.</p>\nThis is a convenience that creates an instance of the { @link Double.Builder} avoiding the
need to create one manually via { @link Double#builder()}. \n\nWhen the { @link Consumer} completes, { @link
Double.Builder#build()} is called immediately and its result is passed to { @link
#progressPercent(Double)}. \n@param progressPercent a consumer that will call methods on { @link
Double.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see
#progressPercent(Double)",
 "deprecated" : false,
 "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "progressPercent",
 "fluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@param progressPercent The Floating point value representing progress percentage of a particular
step. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "progressPercent",
 "getterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@return The Floating point value representing progress percentage of a particular step.",
 "getterModel" : {
 "returnType" : "Double",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

```

```

"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ProgressPercent",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ProgressPercent",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "ProgressPercent",
"setterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>\n@param progressPercent The Floating point value representing progress percentage of a particular step.",
"setterMethodName" : "setProgressPercent",
"setterModel" : {
 "variableDeclarationType" : "Double",
 "variableName" : "progressPercent",
 "variableType" : "Double",
 "documentation" : null,
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Double",
 "variableName" : "progressPercent",
 "variableType" : "Double",
 "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
 "simpleType" : "Double",
 "variableSetterType" : "Double"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "UpgradeStepItem",
"simpleMethod" : false,

```

```

"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "UpgradeStepItem",
 "variableName" : "upgradeStepItem",
 "variableType" : "UpgradeStepItem",
 "documentation" : null,
 "simpleType" : "UpgradeStepItem",
 "variableSetterType" : "UpgradeStepItem"
},
"wrapper" : false
},
"VPCDerivedInfo" : {
 "c2jName" : "VPCDerivedInfo",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getVpcId",
 "beanStyleSetterMethodName" : "setVpcId",
 "c2jName" : "VPCId",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #vpcId(String)}. \n@param vpcId a consumer that will call methods on { @link String.Builder} \n@return Returns a

```

```

reference to this object so that method calls can be chained together.\n@see #vpcId(String)",
 "deprecated" : false,
 "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with
VPCOptions.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "vpcId",
 "fluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain
was created with VPCOptions.\n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "vpcId",
 "getterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created
with VPCOptions.</p>\n@return The VPC Id for the Elasticsearch domain. Exists only if the domain was created
with VPCOptions.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VPCId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VPCId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "VPCId",
 "setterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created

```

with VPCOptions.</p>\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",

```
"setterMethodName" : "setVpcId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "vpcId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "vpcId",
 "variableType" : "String",
 "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSubnetIds",
 "beanStyleSetterMethodName" : "setSubnetIds",
 "c2jName" : "SubnetIds",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #subnetIds(List<String>)}. \n@param subnetIds a consumer that will call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #subnetIds(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "subnetIds",
 "fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the subnets for VPC endpoint. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "subnetIds",
 "getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n<p>\nAttempts to modify the
```

collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies the subnets for VPC endpoint.",

```
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SubnetIds",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SubnetIds",
 "uri" : false
},
```

```
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
```

"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #member(String)",

```
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
```



```

 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,

```

```

"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the
subnets for VPC endpoint.",
"setterMethodName" : "setSubnetIds",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "subnetIds",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "subnetIds",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAvailabilityZones",

```

```

"beanStyleSetterMethodName" : "setAvailabilityZones",
"c2jName" : "AvailabilityZones",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #availabilityZones(List<String>)}. \n@param availabilityZones a consumer that will call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #availabilityZones(List<String>)",
"deprecated" : false,
"documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "availabilityZones",
"fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\n@param availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions. \n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "availabilityZones",
"getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AvailabilityZones",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AvailabilityZones",
 "uri" : false
},

```

```

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,

```

```

 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,

```

```

"marshallingType" : "LIST",
"name" : "AvailabilityZones",
"setterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>\n@param availabilityZones The availability zones for the Elasticsearch domain.
Exists only if the domain was created with VPCOptions.",
"setterMethodName" : "setAvailabilityZones",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "availabilityZones",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "availabilityZones",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSecurityGroupIds",
 "beanStyleSetterMethodName" : "setSecurityGroupIds",
 "c2jName" : "SecurityGroupIds",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC
endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need
to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#securityGroupIds(List<String>)}. \n@param securityGroupIds a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #securityGroupIds(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "securityGroupIds",
 "fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param
securityGroupIds Specifies the security groups for VPC endpoint. \n@return Returns a reference to this object so that

```

method calls can be chained together.",

```
"fluentSetterMethodName" : "securityGroupIds",
```

```
"getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies the security groups for VPC endpoint.",
```

```
"getterModel" : {
```

```
 "returnType" : "java.util.List<String>",
```

```
 "documentation" : null
```

```
},
```

```
"http" : {
```

```
 "additionalMarshallingPath" : null,
```

```
 "additionalUnmarshallingPath" : null,
```

```
 "flattened" : false,
```

```
 "greedy" : false,
```

```
 "header" : false,
```

```
 "isPayload" : false,
```

```
 "isStreaming" : false,
```

```
 "location" : null,
```

```
 "marshallLocation" : "PAYLOAD",
```

```
 "marshallLocationName" : "SecurityGroupIds",
```

```
 "queryString" : false,
```

```
 "statusCode" : false,
```

```
 "unmarshallLocationName" : "SecurityGroupIds",
```

```
 "uri" : false
```

```
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : true,
```

```
"listModel" : {
```

```
 "implType" : "java.util.ArrayList",
```

```
 "interfaceType" : "java.util.List",
```

```
 "listMemberModel" : {
```

```
 "beanStyleGetterMethodName" : "getMember",
```

```
 "beanStyleSetterMethodName" : "setMember",
```

```
 "c2jName" : "member",
```

```
 "c2jShape" : "String",
```

```
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. \n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #member(String) }. \n@param member a consumer that will call methods on { @link String.Builder } \n@return Returns a reference to this object so that method calls can be chained together. \n@see #member(String)",
```

```
 "deprecated" : false,
```

```
 "documentation" : "",
```

```
 "enumType" : null,
```

```
 "eventHeader" : false,
```

```
 "eventPayload" : false,
```

```

 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 }

```



```

 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SecurityGroupIds",
"setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param securityGroupIds
Specifies the security groups for VPC endpoint.",
"setterMethodName" : "setSecurityGroupIds",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "securityGroupIds",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "securityGroupIds",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},

```

```

 "xmlNamespaceUri" : null
 }],
 "membersAsMap" : {
 "AvailabilityZones" : {
 "beanStyleGetterMethodName" : "getAvailabilityZones",
 "beanStyleSetterMethodName" : "setAvailabilityZones",
 "c2jName" : "AvailabilityZones",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain.
Exists only if the domain was created with VPCOptions.</p>\nThis is a convenience that creates an instance of the
{ @link List<String>.Builder} avoiding the need to create one manually via { @link
List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is
called immediately and its result is passed to { @link #availabilityZones(List<String>)}. \n@param availabilityZones
a consumer that will call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #availabilityZones(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "availabilityZones",
 "fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the
domain was created with VPCOptions.</p>\n@param availabilityZones The availability zones for the Elasticsearch
domain. Exists only if the domain was created with VPCOptions. \n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "availabilityZones",
 "getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain
was created with VPCOptions.</p>\n<p>\nAttempts to modify the collection returned by this method will result in
an UnsupportedOperationException. \n</p>\n@return The availability zones for the Elasticsearch domain. Exists
only if the domain was created with VPCOptions.",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "AvailabilityZones",
 }
 }
}

```

```

 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AvailabilityZones",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
 },
 "http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,

```

```

 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
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 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",

```

```

"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AvailabilityZones",
"setterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain
was created with VPCOptions.</p>\n@param availabilityZones The availability zones for the Elasticsearch domain.
Exists only if the domain was created with VPCOptions.",
"setterMethodName" : "setAvailabilityZones",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "availabilityZones",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "availabilityZones",
"variableType" : "java.util.List<String>",
"documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
},
"SecurityGroupIds" : {
"beanStyleGetterMethodName" : "getSecurityGroupIds",
"beanStyleSetterMethodName" : "setSecurityGroupIds",
"c2jName" : "SecurityGroupIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC
endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need
to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#securityGroupIds(List<String>)}. \n@param securityGroupIds a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #securityGroupIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,

```

```

"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "securityGroupIds",
"fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param
securityGroupIds Specifies the security groups for VPC endpoint.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "securityGroupIds",
"getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n<p>\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies
the security groups for VPC endpoint.",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SecurityGroupIds",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SecurityGroupIds",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so

```

that method calls can be chained together.\n@see #member(String)",

```
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
```

The new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",

```
"fluentSetterMethodName" : "member",
```

"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of the Member property for this object.",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
```

```
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
```

```
"idempotencyToken" : false,
```

```
"isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"marshallingType" : "STRING",
```

```
"name" : "Member",
```

"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",

```
"setterMethodName" : "setMember",
```

```
"setterModel" : {
```

```

 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SecurityGroupIds",
"setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param securityGroupIds
Specifies the security groups for VPC endpoint.",
"setterMethodName" : "setSecurityGroupIds",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "securityGroupIds",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",

```



```

"variableName" : "securityGroupIds",
"variableType" : "java.util.List<String>",
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
},
"SubnetIds" : {
"beanStyleGetterMethodName" : "getSubnetIds",
"beanStyleSetterMethodName" : "setSubnetIds",
"c2jName" : "SubnetIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\nThis is a
convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually
via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#subnetIds(List<String>)}. \n@param subnetIds a consumer that will call methods on { @link
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #subnetIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds
Specifies the subnets for VPC endpoint. \n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return Specifies the
subnets for VPC endpoint.",
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,

```

```

"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SubnetIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SubnetIds",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,

```

```

 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,

```

```

 "simple" : true,
 "simpleType" : "String",
 "templateImplType" : "java.util.ArrayList<String>",
 "templateType" : "java.util.List<String>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "SubnetIds",
 "setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the subnets for VPC endpoint.",
 "setterMethodName" : "setSubnetIds",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "subnetIds",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "subnetIds",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
},
"VPCId" : {
 "beanStyleGetterMethodName" : "getVpcId",
 "beanStyleSetterMethodName" : "setVpcId",
 "c2jName" : "VPCId",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #vpcId(String)}. \n@param vpcId a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #vpcId(String)",
 "deprecated" : false,
 "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
 "enumType" : null,
 "eventHeader" : false,

```

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 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "vpcId",
 "fluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain
was created with VPCOptions.\n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "vpcId",
 "getterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created
with VPCOptions.</p>\n@return The VPC Id for the Elasticsearch domain. Exists only if the domain was created
with VPCOptions.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VPCId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VPCId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "VPCId",
 "setterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created
with VPCOptions.</p>\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.",
 "setterMethodName" : "setVpcId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "vpcId",

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 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "vpcId",
 "variableType" : "String",
 "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with
VPCOptions.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getVpcId",
 "beanStyleSetterMethodName" : "setVpcId",
 "c2jName" : "VPCId",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if
the domain was created with VPCOptions.</p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link
Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#vpcId(String)}. \n@param vpcId a consumer that will call methods on { @link String.Builder} \n@return Returns a
reference to this object so that method calls can be chained together. \n@see #vpcId(String)",
 "deprecated" : false,
 "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with
VPCOptions.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "vpcId",
 "fluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain
was created with VPCOptions. \n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "vpcId",
 "getterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created
with VPCOptions.</p>\n@return The VPC Id for the Elasticsearch domain. Exists only if the domain was created
with VPCOptions.",
 "getterModel" : {

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 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "VPCId",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "VPCId",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "VPCId",
 "setterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",
 "setterMethodName" : "setVpcId",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "vpcId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "vpcId",
 "variableType" : "String",
 "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",

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 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSubnetIds",
 "beanStyleSetterMethodName" : "setSubnetIds",
 "c2jName" : "SubnetIds",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #subnetIds(List<String>)}. \n@param subnetIds a consumer that will call methods on { @link List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #subnetIds(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "subnetIds",
 "fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the subnets for VPC endpoint.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "subnetIds",
 "getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies the subnets for VPC endpoint.",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SubnetIds",
 "queryString" : false,
 "statusCode" : false,

```



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 "unmarshallLocationName" : "SubnetIds",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 },
 },

```

```

 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"

```

```

 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "SubnetIds",
 "setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the
subnets for VPC endpoint.",
 "setterMethodName" : "setSubnetIds",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "subnetIds",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "subnetIds",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getAvailabilityZones",
 "beanStyleSetterMethodName" : "setAvailabilityZones",
 "c2jName" : "AvailabilityZones",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists
only if the domain was created with VPCOptions.</p>\nThis is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the
{ @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed
to { @link #availabilityZones(List<String>)}.\n@param availabilityZones a consumer that will call methods on
{ @link List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #availabilityZones(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "availabilityZones",

```

"fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\n@param availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "availabilityZones",

"getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",

"getterModel" : {

"returnType" : "java.util.List<String>",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "AvailabilityZones",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "AvailabilityZones",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {

"implType" : "java.util.ArrayList",

"interfaceType" : "java.util.List",

"listMemberModel" : {

"beanStyleGetterMethodName" : "getMember",

"beanStyleSetterMethodName" : "setMember",

"c2jName" : "member",

"c2jShape" : "String",

"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n\n@param member a consumer that will call methods on { @link String.Builder} \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #member(String)",

"deprecated" : false,

```

"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",

```

```

 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AvailabilityZones",
"setterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>\n@param availabilityZones The availability zones for the Elasticsearch domain.
Exists only if the domain was created with VPCOptions.",
"setterMethodName" : "setAvailabilityZones",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "availabilityZones",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "availabilityZones",

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 "variableType" : "java.util.List<String>",
 "documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSecurityGroupIds",
 "beanStyleSetterMethodName" : "setSecurityGroupIds",
 "c2jName" : "SecurityGroupIds",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC
endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder } avoiding the need
to create one manually via { @link List<String>#builder() }. \n\nWhen the { @link Consumer } completes, { @link
List<String>.Builder#build() } is called immediately and its result is passed to { @link
#securityGroupIds(List<String>)}.\n@param securityGroupIds a consumer that will call methods on { @link
List<String>.Builder }\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #securityGroupIds(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "securityGroupIds",
 "fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param
securityGroupIds Specifies the security groups for VPC endpoint.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "securityGroupIds",
 "getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n<p>\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies
the security groups for VPC endpoint.",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",

```

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"marshallLocationName" : "SecurityGroupIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SecurityGroupIds",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```



```

 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,

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 "simpleType" : "String",
 "templateImplType" : "java.util.ArrayList<String>",
 "templateType" : "java.util.List<String>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "SecurityGroupIds",
 "setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param securityGroupIds
Specifies the security groups for VPC endpoint.",
 "setterMethodName" : "setSecurityGroupIds",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "securityGroupIds",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "securityGroupIds",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "VPCDerivedInfo",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "VPCDerivedInfo",
 "variableName" : "vpcDerivedInfo",
 "variableType" : "VPCDerivedInfo",
 "documentation" : null,
 "simpleType" : "VPCDerivedInfo",
 "variableSetterType" : "VPCDerivedInfo"
},

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"wrapper" : false
},
"VPCDerivedInfoStatus" : {
 "c2jName" : "VPCDerivedInfoStatus",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> Status of the VPC options for the specified Elasticsearch domain.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "VPCDerivedInfo",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch
domain.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfo.Builder} avoiding the
need to create one manually via { @link VPCDerivedInfo#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to { @link
#options(VPCDerivedInfo)}. \n@param options a consumer that will call methods on { @link
VPCDerivedInfo.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(VPCDerivedInfo)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch
domain.</p>\n@param options Specifies the VPC options for the specified Elasticsearch domain. \n@return Returns
a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",

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```

"getterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\n@return
Specifies the VPC options for the specified Elasticsearch domain.",
"getterModel" : {
 "returnType" : "VPCDerivedInfo",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\n@param
options Specifies the VPC options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "VPCDerivedInfo",
 "variableName" : "options",
 "variableType" : "VPCDerivedInfo",
 "documentation" : null,
 "simpleType" : "VPCDerivedInfo",
 "variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "VPCDerivedInfo",
 "variableName" : "options",
 "variableType" : "VPCDerivedInfo",

```

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 "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
 "simpleType" : "VPCDerivedInfo",
 "variableSetterType" : "VPCDerivedInfo"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder}
avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@return Specifies the status of the VPC options for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,

```

```

 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch domain.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
 "xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "Options" : {
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "VPCDerivedInfo",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the VPC options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfo.Builder}
avoiding the need to create one manually via { @link VPCDerivedInfo#builder()}. \n\nWhen the { @link Consumer}
completes, { @link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to { @link
#options(VPCDerivedInfo)}. \n@param options a consumer that will call methods on { @link
VPCDerivedInfo.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(VPCDerivedInfo)",

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"deprecated" : false,
"documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch
domain.</p>\n@param options Specifies the VPC options for the specified Elasticsearch domain.\n@return Returns
a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch
domain.</p>\n@return Specifies the VPC options for the specified Elasticsearch domain.",
"getterModel" : {
 "returnType" : "VPCDerivedInfo",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch
domain.</p>\n@param options Specifies the VPC options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "VPCDerivedInfo",

```

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 "variableName" : "options",
 "variableType" : "VPCDerivedInfo",
 "documentation" : null,
 "simpleType" : "VPCDerivedInfo",
 "variableSetterType" : "VPCDerivedInfo"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "VPCDerivedInfo",
 "variableName" : "options",
 "variableType" : "VPCDerivedInfo",
 "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
 "simpleType" : "VPCDerivedInfo",
 "variableSetterType" : "VPCDerivedInfo"
 },
 "xmlNamespaceUri" : null
},
"Status" : {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder}
avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch
domain. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@return Specifies the status of the VPC options for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
},

```



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"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}

```

```

},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "VPCDerivedInfo",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch
domain.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfo.Builder} avoiding the
need to create one manually via { @link VPCDerivedInfo#builder()}. \n\nWhen the { @link Consumer} completes,
{ @link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to { @link
#options(VPCDerivedInfo)}. \n@param options a consumer that will call methods on { @link
VPCDerivedInfo.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #options(VPCDerivedInfo)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "options",
 "fluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch
domain.</p>\n@param options Specifies the VPC options for the specified Elasticsearch domain. \n@return Returns
a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "options",
 "getterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\n@return
Specifies the VPC options for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "VPCDerivedInfo",
 "documentation" : null
 },
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,

```

```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\n@param
options Specifies the VPC options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "VPCDerivedInfo",
 "variableName" : "options",
 "variableType" : "VPCDerivedInfo",
 "documentation" : null,
 "simpleType" : "VPCDerivedInfo",
 "variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "VPCDerivedInfo",
 "variableName" : "options",
 "variableType" : "VPCDerivedInfo",
 "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
 "simpleType" : "VPCDerivedInfo",
 "variableSetterType" : "VPCDerivedInfo"
},
"xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified
Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder}
avoiding the need to create one manually via { @link OptionStatus#builder()}. \n\nWhen the { @link Consumer}
completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link
#status(OptionStatus)}. \n@param status a consumer that will call methods on { @link
OptionStatus.Builder} \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #status(OptionStatus)",
 "deprecated" : false,
 "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,

```

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 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "status",
 "fluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch
domain.\n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "status",
 "getterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@return Specifies the status of the VPC options for the specified Elasticsearch domain.",
 "getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Status",
 "setterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch
domain.</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch domain.",
 "setterMethodName" : "setStatus",
 "setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
 },
}

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"simple" : false,
"timestampFormat" : null,
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 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["Options", "Status"],
"shapeName" : "VPCDerivedInfoStatus",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "VPCDerivedInfoStatus",
 "variableName" : "vpcDerivedInfoStatus",
 "variableType" : "VPCDerivedInfoStatus",
 "documentation" : null,
 "simpleType" : "VPCDerivedInfoStatus",
 "variableSetterType" : "VPCDerivedInfoStatus"
},
"wrapper" : false
},
"VPCOptions" : {
 "c2jName" : "VPCOptions",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see VPC Endpoints for Amazon Elasticsearch Service Domains.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,

```

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"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [{
 "beanStyleGetterMethodName" : "getSubnetIds",
 "beanStyleSetterMethodName" : "setSubnetIds",
 "c2jName" : "SubnetIds",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\nThis is a
convenience that creates an instance of the { @link List<String>.Builder } avoiding the need to create one manually
via { @link List<String>#builder() }. \n\nWhen the { @link Consumer } completes, { @link
List<String>.Builder#build() } is called immediately and its result is passed to { @link
#subnetIds(List<String>) }. \n@param subnetIds a consumer that will call methods on { @link
List<String>.Builder } \n@return Returns a reference to this object so that method calls can be chained
together. \n@see #subnetIds(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "subnetIds",
 "fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies
the subnets for VPC endpoint. \n@return Returns a reference to this object so that method calls can be chained
together.",
 "fluentSetterMethodName" : "subnetIds",
 "getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return Specifies the
subnets for VPC endpoint.",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",

```

```

"marshallLocationName" : "SubnetIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SubnetIds",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
 },
 "http" : {
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```

```

 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,

```



```

 "simpleType" : "String",
 "templateImplType" : "java.util.ArrayList<String>",
 "templateType" : "java.util.List<String>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "SubnetIds",
 "setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the
subnets for VPC endpoint.",
 "setterMethodName" : "setSubnetIds",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "subnetIds",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "subnetIds",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSecurityGroupIds",
 "beanStyleSetterMethodName" : "setSecurityGroupIds",
 "c2jName" : "SecurityGroupIds",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC
endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need
to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#securityGroupIds(List<String>)}.\n@param securityGroupIds a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #securityGroupIds(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,

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```

"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "securityGroupIds",
"fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param
securityGroupIds Specifies the security groups for VPC endpoint.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "securityGroupIds",
"getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n<p>\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies
the security groups for VPC endpoint.",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SecurityGroupIds",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SecurityGroupIds",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
 "deprecated" : false,

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"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",

```

```

 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SecurityGroupIds",
"setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param securityGroupIds
Specifies the security groups for VPC endpoint.",
"setterMethodName" : "setSecurityGroupIds",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "securityGroupIds",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "securityGroupIds",
 "variableType" : "java.util.List<String>",

```

```

"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
}],
"membersAsMap" : {
 "SecurityGroupIds" : {
 "beanStyleGetterMethodName" : "getSecurityGroupIds",
 "beanStyleSetterMethodName" : "setSecurityGroupIds",
 "c2jName" : "SecurityGroupIds",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC
endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder } avoiding the need
to create one manually via { @link List<String>#builder() }. \n\nWhen the { @link Consumer } completes, { @link
List<String>.Builder#build() } is called immediately and its result is passed to { @link
#securityGroupIds(List<String>)}.\n@param securityGroupIds a consumer that will call methods on { @link
List<String>.Builder }\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #securityGroupIds(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "securityGroupIds",
 "fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param
securityGroupIds Specifies the security groups for VPC endpoint.\n@return Returns a reference to this object so that
method calls can be chained together.",
 "fluentSetterMethodName" : "securityGroupIds",
 "getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n<p>\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies
the security groups for VPC endpoint.",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 }
}

```

```

"marshallLocationName" : "SecurityGroupIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SecurityGroupIds",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 }
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,

```

```

 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "member",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,

```

```

 "simpleType" : "String",
 "templateImplType" : "java.util.ArrayList<String>",
 "templateType" : "java.util.List<String>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "SecurityGroupIds",
 "setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@param securityGroupIds
Specifies the security groups for VPC endpoint.",
 "setterMethodName" : "setSecurityGroupIds",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "securityGroupIds",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "securityGroupIds",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNameSpaceUri" : null
},
"SubnetIds" : {
 "beanStyleGetterMethodName" : "getSubnetIds",
 "beanStyleSetterMethodName" : "setSubnetIds",
 "c2jName" : "SubnetIds",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\nThis is a
convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually
via { @link List<String>.Builder#builder()}. \n\nWhen the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
#subnetIds(List<String>)}. \n@param subnetIds a consumer that will call methods on { @link
List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #subnetIds(List<String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,

```



```

"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
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"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds
Specifies the subnets for VPC endpoint.\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n<p>\nAttempts to modify the
collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies the
subnets for VPC endpoint.",
"getterModel" : {
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 "documentation" : null
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SubnetIds",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SubnetIds",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",

```

```

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 "fluentGetterMethodName" : "member",
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The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
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 "documentation" : null
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 "http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
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 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
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 "listModel" : null,
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 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The
new value for the Member property for this object.",
 "setterMethodName" : "setMember",
 "setterModel" : {
 "variableDeclarationType" : "String",

```

```

 "variableName" : "member",
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 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the subnets for VPC endpoint.",
"setterMethodName" : "setSubnetIds",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "subnetIds",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "subnetIds",

```

```

 "variableType" : "java.util.List<String>",
 "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
}
},
"nonStreamingMembers" : [{
 "beanStyleGetterMethodName" : "getSubnetIds",
 "beanStyleSetterMethodName" : "setSubnetIds",
 "c2jName" : "SubnetIds",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #subnetIds(List<String>)}. \n@param subnetIds a consumer that will call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #subnetIds(List<String>)",
 "deprecated" : false,
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 "enumType" : null,
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 "eventPayload" : false,
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 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "subnetIds",
 "fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the subnets for VPC endpoint. \n@return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodName" : "subnetIds",
 "getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n<p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException. \n</p>\n@return Specifies the subnets for VPC endpoint.",
 "getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
}
,
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 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,

```

```

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"marshallLocationName" : "SubnetIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SubnetIds",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder} \n@return Returns a reference to this object so
that method calls can be chained together. \n@see #member(String)",
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 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@param member
The new value for the Member property for this object. \n@return Returns a reference to this object so that method
calls can be chained together.",
 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object. \n\n@return The value of
the Member property for this object.",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
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 "http" : {
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 "flattened" : false,
 "greedy" : false,

```

```

 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
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 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
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 "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new
value for the Member property for this object.",
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 "setterModel" : {
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 "variableName" : "member",
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 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
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 "simple" : true,
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 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNamespaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,

```

```

 "simple" : true,
 "simpleType" : "String",
 "templateImplType" : "java.util.ArrayList<String>",
 "templateType" : "java.util.List<String>"
 },
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "LIST",
 "name" : "SubnetIds",
 "setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the subnets for VPC endpoint.",
 "setterMethodName" : "setSubnetIds",
 "setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "subnetIds",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "simple" : false,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "subnetIds",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
 "xmlNamespaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getSecurityGroupIds",
 "beanStyleSetterMethodName" : "setSecurityGroupIds",
 "c2jName" : "SecurityGroupIds",
 "c2jShape" : "StringList",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. \n\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #securityGroupIds(List<String>)}. \n@param securityGroupIds a consumer that will call methods on { @link List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #securityGroupIds(List<String>)",
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 "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
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 "eventHeader" : false,
 "eventPayload" : false,

```

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securityGroupIds Specifies the security groups for VPC endpoint.\n@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "securityGroupIds",
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the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return Specifies
the security groups for VPC endpoint.",
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 "documentation" : null
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 "isPayload" : false,
 "isStreaming" : false,
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 "statusCode" : false,
 "unmarshallLocationName" : "SecurityGroupIds",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
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 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. \n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",

```



```

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"fluentGetterMethodName" : "member",
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The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.",
"fluentSetterMethodName" : "member",
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the Member property for this object.",
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 "returnType" : "String",
 "documentation" : null
},
"http" : {
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 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
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 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
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"isBinary" : false,
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"mapModel" : null,
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"setterModel" : {
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```

```

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 "variableSetterType" : "String"
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 "xmlNamespaceUri" : null
},
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"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
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"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
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Specifies the security groups for VPC endpoint.",
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 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
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"simple" : false,
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 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "securityGroupIds",

```

```

 "variableType" : "java.util.List<String>",
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 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
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 "xmlNamespaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "VPCOptions",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "VPCOptions",
 "variableName" : "vpcOptions",
 "variableType" : "VPCOptions",
 "documentation" : null,
 "simpleType" : "VPCOptions",
 "variableSetterType" : "VPCOptions"
},
"wrapper" : false
},
"ValidationException" : {
 "c2jName" : "ValidationException",
 "customization" : {
 "artificialResultWrapper" : null,
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 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
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 "deprecated" : false,
 "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
 "enums" : null,
 "errorCode" : "ValidationException",
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : 400,
 "marshaller" : null,

```

```

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"nonStreamingMembers" : [],
"requestSignerAware" : false,
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"required" : null,
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"simpleMethod" : false,
"unmarshaller" : null,
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 "variableName" : "validationException",
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 "variableSetterType" : "ValidationException"
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"wrapper" : false
},
"VolumeType" : {
 "c2jName" : "VolumeType",
 "customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p> The type of EBS volume, standard, gp2, or io1. See <a
href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomain-configure-efs\" target=\"_blank\">Configuring EBS-based Storagefor more information.</p>",
 "enums" : [{
 "name" : "STANDARD",
 "value" : "standard"
 }, {
 "name" : "GP2",
 "value" : "gp2"
 }, {
 "name" : "IO1",
 "value" : "io1"
 }],
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,

```

```

"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [],
"membersAsMap" : { },
"nonStreamingMembers" : [],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "VolumeType",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
},
"variable" : {
 "variableDeclarationType" : "VolumeType",
 "variableName" : "volumeType",
 "variableType" : "VolumeType",
 "documentation" : null,
 "simpleType" : "VolumeType",
 "variableSetterType" : "VolumeType"
},
"wrapper" : false
}
},
"customAuthorizers" : { },
"customRetryPolicy" : null,
"examples" : {
 "examples" : { },
 "version" : "1.0"
},
"fileHeader" : "/*\n * Copyright 2014-2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.\n *\n *
Licensed under the Apache License, Version 2.0 (the \"License\").\n * You may not use this file except in
compliance with the License.\n * A copy of the License is located at\n *\n * http://aws.amazon.com/apache2.0\n *\n
* or in the \"license\" file accompanying this file. This file is distributed\n * on an \"AS IS\" BASIS, WITHOUT
WARRANTIES OR CONDITIONS OF ANY KIND, either\n * express or implied. See the License for the specific
language governing\n * permissions and limitations under the License.\n */",
"sdkBaseResponseFqcn" :
"software.amazon.awssdk.awscore.AwsResponse<software.amazon.awssdk.awscore.AwsResponseMetadata>",
"sdkModeledExceptionBaseClassName" : "ElasticsearchException",
"sdkModeledExceptionBaseFqcn" :
"software.amazon.awssdk.services.elasticsearch.model.ElasticsearchException",
"sdkRequestBaseClassName" : "ElasticsearchRequest",
"sdkResponseBaseClassName" : "ElasticsearchResponse"
}

```

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1070429828\_1594713044.5/0/elasticsearch-2-3-3-sources-2-jar/models/es-2015-01-01-intermediate.json

## 1.541 snmp-4j 2.5.8

## 1.542 virt-what 1.18 4.el7

### 1.542.1 Available under license :

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Version 2, June 1991

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```

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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
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The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.



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<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

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## 1.545 pyasn1 0.4.2

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ASN.1 library for Python

-----

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[!Build status](https://travis-ci.org/etingof/pyasn1.svg?branch=master)(https://secure.travis-ci.org/etingof/pyasn1)  
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Status](https://img.shields.io/codecov/c/github/etingof/pyasn1.svg)(https://codecov.io/github/etingof/pyasn1)  
[!GitHub license](https://img.shields.io/badge/license-BSD-blue.svg)(https://raw.githubusercontent.com/etingof/pyasn1/master/LICENSE.txt)

This is a free and open source implementation of ASN.1 types and codecs as a Python package. It has been first written to support particular protocol (SNMP) but then generalized to be suitable for a wide range of protocols based on

[ASN.1 specification](https://www.itu.int/rec/dologin\_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items).

Features

-----

- \* Generic implementation of ASN.1 types (X.208)
- \* Standards compliant BER/CER/DER codecs
- \* Dumps/loads ASN.1 structures from Python types
- \* 100% Python, works with Python 2.4 up to Python 3.6
- \* MT-safe
- \* Contributed ASN.1 compiler [Asn1ate](https://github.com/kimgr/asn1ate)

Why using pyasn1

-----

ASN.1 solves the data serialisation problem. This solution was designed long ago by the wise Ancients. Back then, they did not have the luxury of wasting bits. That is why ASN.1 is designed to serialise data structures of unbounded complexity into something compact and efficient when it comes to processing

the data.

That probably explains why many network protocols and file formats still rely on the 30+ years old technology. Including a number of high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1. [Communication between heterogeneous systems](<http://www.oss.com/asn1/dubuisson.html>) by Olivier Dubuisson is one of those high quality books freely available on the Internet.

The pyasn1 package is designed to help Python programmers tackling network protocols and file formats at the comfort of their Python prompt. The tool struggles to capture all aspects of a rather complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1

-----

With pyasn1 you can build Python objects from ASN.1 data structures. For example, the following ASN.1 data structure:

```
```bash
Record ::= SEQUENCE {
  id    INTEGER,
  room  [0] INTEGER OPTIONAL,
  house [1] INTEGER DEFAULT 0
}
```
```

Could be expressed in pyasn1 like this:

```
```python
class Record(Sequence):
    componentType = NamedTypes(
        NamedType('id', Integer()),
        OptionalNamedType(
            'room', Integer().subtype(
                implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
            )
        ),
        DefaultedNamedType(
            'house', Integer(0).subtype(
                implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
            )
        )
    )
```
```

It is in the spirit of ASN.1 to take abstract data description and turn it into a programming language specific form. Once you have your ASN.1 data structure expressed in Python, you can use it along the lines of similar Python type (e.g. ASN.1 `SET` is similar to Python `dict`, `SET OF` to `list`):

```
```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
>>>
```
```

Part of the power of ASN.1 comes from its serialisation features. You can serialise your data structure and send it over the network.

```
```python
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
```
```

Conversely, you can turn serialised ASN.1 content, as received from network or read from a file, into a Python object which you can introspect, modify, encode and send back.

```
```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>>
>>> for field in received_record:
>>>     print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
>>>
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
```
```

...

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int, list, dict etc.). But ASN.1 types exhibit more complicated behaviour. To make life easier for a Pythonista, they can turn their pyasn1 classes into Python built-ins:

```
```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
```
```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of Python objects:

```
```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id': 123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
id=123
room=321
>>>
```
```

With ASN.1 design, serialisation codecs are decoupled from data objects, so you could turn every single ASN.1 object into many different serialised forms. As of this moment, pyasn1 supports BER, DER, CER and Python built-ins codecs. The extremely compact PER encoding is expected to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the [documentation](<http://snmplabs.com/pyasn1/>), compiled ASN.1 modules for different protocols and file formats could be found in the pyasn1-modules [repo](<https://github.com/etingof/pyasn1-modules>).

How to get pyasn1

-----

The pyasn1 package is distributed under terms and conditions of 2-clause BSD [license](<http://snmplabs.com/pyasn1/license.html>). Source code is freely available as a GitHub [repo](<https://github.com/etingof/pyasn1>).

You could `pip install pyasn1` or download it from [PyPI](<https://pypi.python.org/pypi/pyasn1>).

If something does not work as expected,

[open an issue](https://github.com/etingof/pyasn1/issues) at GitHub or  
post your question [on Stack Overflow](http://stackoverflow.com/questions/ask)  
or try browsing pyasn1  
[mailing list archives](https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/).

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* /opt/ws_local/PERMITS_SQL/1063015219_1592948891.89/0/pyasn1-0-4-2-1-tar-gz/pyasn1-0.4.2/pyasn1/compat/calling.py
* /opt/ws_local/PERMITS_SQL/1063015219_1592948891.89/0/pyasn1-0-4-2-1-tar-gz/pyasn1-0.4.2/pyasn1/compat/octets.py
* /opt/ws_local/PERMITS_SQL/1063015219_1592948891.89/0/pyasn1-0-4-2-1-tar-gz/pyasn1-0.4.2/pyasn1/compat/string.py
* /opt/ws_local/PERMITS_SQL/1063015219_1592948891.89/0/pyasn1-0-4-2-1-tar-gz/pyasn1-0.4.2/tests/codec/__main__.py
* /opt/ws_local/PERMITS_SQL/1063015219_1592948891.89/0/pyasn1-0-4-2-1-tar-gz/pyasn1-0.4.2/pyasn1/type/tag.py
* /opt/ws_local/PERMITS_SQL/1063015219_1592948891.89/0/pyasn1-0-4-2-1-tar-gz/pyasn1-0.4.2/pyasn1/codec/ber/encoder.py
* /opt/ws_local/PERMITS_SQL/1063015219_1592948891.89/0/pyasn1-0-4-2-1-tar-gz/pyasn1-0.4.2/pyasn1/codec/ber/eoo.py
```

No license file was found, but licenses were detected in source scan.

```
.. _license:
```

```
License
```

```
=====
```

```
.. include:: ../../LICENSE.rst
```

```
Found in path(s):
```

```
* /opt/ws_local/PERMITS_SQL/1063015219_1592948891.89/0/pyasn1-0-4-2-1-tar-gz/pyasn1-0.4.2/docs/source/license.rst
```

No license file was found, but licenses were detected in source scan.

ASN.1 library for Python



=====  
.. toctree::  
  :maxdepth: 1

## Abstract Syntax Notation One (ASN.1)

[http://en.wikipedia.org/wiki/Abstract\\_Syntax\\_Notation\\_1x](http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x)) is a technology for exchanging structured data in a universally understood, hardware agnostic way. Many industrial, security and telephony applications heavily rely on ASN.1.

The `pyasn1` <https://pypi.python.org/pypi/pyasn1/> library implements ASN.1 support in pure-Python.

## What is ASN.1

-----

ASN.1 is a large, arguably over-engineered and extremely old data modelling and serialisation tool. It is probably among the first serialisation protocols in the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first electronic mail (known as X.400). Later on it was split off the e-mail application and become a stand-alone tech still being actively supported by its designers and widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the first, unsuccessful, version of the Internet. You can read many interesting [discussions](https://news.ycombinator.com/item?id=8871453) <https://news.ycombinator.com/item?id=8871453> on that topic.

In the following years, generations of software engineers tackled the serialisation problem many times. We can see that in Google's `ProtoBuffers` <https://developers.google.com/protocol-buffers/> or `FlatBuffers` <https://google.github.io/flatbuffers/>, for example. Interestingly, many new takes on binary protocol design do not depart far from ASN.1 from technical perspective. It's more of a matter of striking a balance between processing overhead, wire format overhead and human readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

- \* Data types: the standard introduces a collection of basic data types (integers, bits, strings, arrays and records) that can be used for describing arbitrarily complex, nested data structures.
- \* Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as recovered back into their structured form. The system is fully agnostic

to hardware architectures differences.

\* Schema language: ASN.1 data structures could be described in terms of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

#### ASN.1 applications

-----

Being an old and generally successful standard, ASN.1 is widely adopted for many uses. To give you an example, these technologies use ASN.1 for their data exchange needs:

- \* Signaling standards for the public switched telephone network (SS7 family)
- \* Network management standards (SNMP, CMIP)
- \* Directory standards (X.500 family, LDAP)
- \* Public Key Infrastructure standards (X.509, etc.)
- \* PBX control (CSTA)
- \* IP-based Videoconferencing (H.323 family)
- \* Biometrics (BIP, CBEFF, ACBio)
- \* Intelligent transportation (SAE J2735)
- \* Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

#### ASN.1 gotchas

-----

Apparently, ASN.1 is hard to implement properly. Quality open-source ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the ``statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>`` on discovered security vulnerabilities, many people have implemented ASN.1 parsers and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood and security reviewed.

#### Documentation

-----

```
.. toctree::
 :maxdepth: 2

 /pyasn1/contents
```

#### Use case

-----

```
.. toctree::
 :maxdepth: 2
```

/example-use-case

## Download & Install

-----

```
.. toctree::
 :maxdepth: 2
```

/download

## Changes

-----

All changes and release history is maintained in changelog. There you could also download the latest unreleased pyasn1 tarball containing the latest fixes and improvements.

```
.. toctree::
 :maxdepth: 1
```

/changelog

## License

-----

The PyASN1 software is distributed under 2-clause BSD License.

```
.. toctree::
 :maxdepth: 2
```

/license

## Getting help

-----

Please, file your `issues` <<https://github.com/etingof/pyasn1/issues>>` \_ and `PRs` <<https://github.com/etingof/pyasn1/pulls>>` \_ at GitHub. Alternatively, you could ask for help at `Stack Overflow` <<http://stackoverflow.com/questions/tagged/pyasn1>>` \_ or search `pyasn1-users` <<https://lists.sourceforge.net/lists/listinfo/pyasn1-users>>` \_ mailing list archive.

## Books on ASN.1

-----

The pyasn1 implementation is largely based on reading up the following awesome

books:

\* `ASN.1 - Communication between heterogeneous systems <<http://www.oss.com/asn1/dubuisson.html>>` \_ by Olivier Dubuisson

\* `ASN.1 Complete <<http://www.oss.com/asn1/resources/books-whitepapers-pubs/larmouth-asn1-book.pdf>>` \_ by Prof John Larmouth

Here you can get the official standards which is hard to read:

\* `ITU standards <<http://www.itu.int/ITU-T/studygroups/com17/languages/X.680-X.693-0207w.zip>>` \_

On the other end of the readability spectrum, here is a quick and sweet write up:

\* `A Layman's Guide to a Subset of ASN.1, BER, and DER <<ftp://ftp.rsasecurity.com/pub/pkcs/ascii/layman.asc>>` \_ by Burton S. Kaliski

If you are working with ASN.1, we'd highly recommend reading a proper book on the subject.

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1063015219\_1592948891.89/0/pyasn1-0-4-2-1-tar-gz/pyasn1-0.4.2/docs/source/contents.rst

## 1.546 pcre 8.32 17.el7

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#### PCRE LICENCE

-----

PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

Release 8 of PCRE is distributed under the terms of the "BSD" licence, as specified below. The documentation for PCRE, supplied in the "doc" directory, is distributed under the same terms as the software itself.

The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

#### THE BASIC LIBRARY FUNCTIONS

-----

Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

University of Cambridge Computing Service,  
Cambridge, England.

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#### PCRE JUST-IN-TIME COMPILATION SUPPORT

-----

Written by: Zoltan Herczeg  
Email local part: hzmester  
Email domain: freemail.hu

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-----

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# 1.547 babel-preset-react-app 9.0.0

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# 1.548 grpc-grpc-common 1.0

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## 1.550 bcrypt 3.1.7

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\* Coda Hale <coda.hale@gmail.com>

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## 1.552 jinja 2.10

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## 1.556 perl-getopt-long 2.40 3.e17

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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\*\*\*\*

websocket - WebSocket client library for Python

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```
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\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/action/admin/indices/analyze/AnalyzeRequestBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/action/support/single/custom/SingleCustomOperationRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/action/admin/indices/template/put/PutIndexTemplateRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/action/admin/indices/template/put/PutIndexTemplateResponse.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/index/cache/id/IdCache.java  
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\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/search/fetch/version/VersionParseElement.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/index/cache/id/simple/SimpleIdCache.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/search/facet/histogram/CountHistogramFacetExecutor.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/index/engine/DocumentMissingException.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/action/admin/indices/analyze/AnalyzeResponse.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-

jar/org/elasticsearch/index/search/child/ChildrenQuery.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/common/bytes/ChannelBufferBytesReference.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/search/highlight/vectorhighlight/SourceScoreOrderFragmentsBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/search/lookup/SourceLookup.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/search/facet/terms/longs/InternalLongTermsFacet.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/action/admin/indices/template/delete/TransportDeleteIndexTemplateAction.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/query/HasChildQueryBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/search/sort/TrackScoresParseElement.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/search/facet/FacetParseElement.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/action/admin/indices/analyze/AnalyzeRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/cluster/routing/PlainShardsIterator.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/common/bytes/HashedByteArray.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/search/child/HasChildFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/engine/DocumentSourceMissingException.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/cluster/routing/ShardsIterator.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/engine/DocumentAlreadyExistsException.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/cache/id/IdReaderTypeCache.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/action/admin/indices/warmer/delete/DeleteWarmerRequest.java  
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- \* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/internal/ComputationException.java
- \* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/MembersInjector.java
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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/spi/ProviderBinding.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/PrivateModule.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/spi/LinkedKeyBinding.java

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```

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*/
/**
 * Returns an array containing all of the elements in this deque, in
 * proper sequence (from first to last element).
 *
 * <p>The returned array will be "safe" in that no references to it are
 * maintained by this deque. (In other words, this method must allocate
 * a new array). The caller is thus free to modify the returned array.
 *
 * <p>This method acts as bridge between array-based and collection-based
 * APIs.
 *
 * @return an array containing all of the elements in this deque
 */

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/jsr166y/ConcurrentLinkedDeque.java

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* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/apache/lucene/analysis/ngram/XEdgeNGramTokenizer.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
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jar/org/apache/lucene/analysis/ngram/XNGramTokenFilter.java
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jar/org/apache/lucene/analysis/ngram/XLucene43NGramTokenizer.java  
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jar/org/apache/lucene/analysis/util/XCharacterUtils.java  
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\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/cluster/LocalNodeMasterListener.java  
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\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/DeferredLookups.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/EncounterImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/TypeListenerBindingProcessor.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/MembersInjectorImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/spi/TypeListener.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/Lookups.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/spi/TypeEncounter.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/spi/TypeListenerBinding.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/inject/ConstructorInjectorStore.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-

jar/org/elasticsearch/common/inject/internal/ExposureBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/common/inject/MembersInjectorStore.java  
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```
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/common/inject/Guice.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/common/inject/internal/LinkedProviderBindingImpl.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/common/inject/internal/LinkedBindingImpl.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/common/inject/ConstructorBindingImpl.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/common/inject/internal/Join.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/common/inject/util/Providers.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/common/inject/internal/Nullable.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/common/inject/binder/ConstantBindingBuilder.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/common/inject/Binder.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/common/inject/internal/MatcherAndConverter.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/common/inject/spi/TypeConverter.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/common/inject/assistedinject/package-info.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/common/inject/internal/UntargettedBindingImpl.java
```



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```
/**
 * <p>Encodes and decodes to and from Base64 notation.</p>
 * <p>Homepage: http://iharder.net/base64.</p>
 * <p/>
 * <p>Example:</p>
 * <p/>
 * <code>String encoded = Base64.encode(myByteArray);</code>
 *

 * <code>byte[] myByteArray = Base64.decode(encoded);</code>
 * <p/>
 * <p>The <tt>options</tt> parameter, which appears in a few places, is used to pass
 * several pieces of information to the encoder. In the "higher level" methods such as
 * encodeBytes(bytes, options) the options parameter can be used to indicate such
 * things as first gzipping the bytes before encoding them, not inserting linefeeds,
 * and encoding using the URL-safe and Ordered dialects.</p>
 * <p/>
 * <p>Note, according to RFC3548,
 * Section 2.1, implementations should not add line feeds unless explicitly told
 * to do so. I've got Base64 set to this behavior now, although earlier versions
 * broke lines by default.</p>
 * <p/>
 * <p>The constants defined in Base64 can be OR-ed together to combine options, so you
 * might make a call like this:</p>
 * <p/>
 * <code>String encoded = Base64.encodeBytes(mybytes, Base64.GZIP | Base64.DO_BREAK_LINES);</code>
 * <p>to compress the data before encoding it and then making the output have newline characters.</p>
 * <p>Also...</p>
 * <code>String encoded = Base64.encodeBytes(crazyString.getBytes());</code>
 * <p/>
 * <p/>
 * <p/>
 * <p>
 * Change Log:
 * <p/>
 *
 * v2.3.7 - Fixed subtle bug when base 64 input stream contained the
 * value 01111111, which is an invalid base 64 character but should not
 * throw an ArrayIndexOutOfBoundsException either. Led to discovery of
 * mishandling (or potential for better handling) of other bad input
 * characters. You should now get an IOException if you try decoding
 * something that has bad characters in it.
 * v2.3.6 - Fixed bug when breaking lines and the final byte of the encoded
 * string ended in the last column; the buffer was not properly shrunk and
 * contained an extra (null) byte that made it into the string.
 * v2.3.5 - Fixed bug in { @link #encodeFromFile } where estimated buffer size
 * was wrong for files of size 31, 34, and 37 bytes.

```

- \* <li>v2.3.4 - Fixed bug when working with gzipped streams whereby flushing the Base64.OutputStream closed the Base64 encoding (by padding with equals signs) too soon. Also added an option to suppress the automatic decoding of gzipped streams. Also added experimental support for specifying a class loader when using the { @link #decodeToObject(java.lang.String, int, java.lang.ClassLoader) } method.</li>
- \* <li>v2.3.3 - Changed default char encoding to US-ASCII which reduces the internal Java footprint with its CharEncoders and so forth. Fixed some javadocs that were inconsistent. Removed imports and specified things like java.io.IOException explicitly inline.</li>
- \* <li>v2.3.2 - Reduced memory footprint! Finally refined the "guessing" of how big the final encoded data will be so that the code doesn't have to create two output arrays: an oversized initial one and then a final, exact-sized one. Big win when using the { @link #encodeBytesToBytes(byte[]) } family of methods (and not using the gzip options which uses a different mechanism with streams and stuff).</li>
- \* <li>v2.3.1 - Added { @link #encodeBytesToBytes(byte[], int, int, int) } and some similar helper methods to be more efficient with memory by not returning a String but just a byte array.</li>
- \* <li>v2.3 - <strong>This is not a drop-in replacement!</strong> This is two years of comments and bug fixes queued up and finally executed. Thanks to everyone who sent me stuff, and I'm sorry I wasn't able to distribute your fixes to everyone else. Much bad coding was cleaned up including throwing exceptions where necessary instead of returning null values or something similar. Here are some changes that may affect you:
  - \* <ul>
  - \* <li><em>Does not break lines, by default.</em> This is to keep in compliance with <a href="http://www.faqs.org/rfcs/rfc3548.html">RFC3548</a>.</li>
  - \* <li><em>Throws exceptions instead of returning null values.</em> Because some operations (especially those that may permit the GZIP option) use IO streams, there is a possibility of an java.io.IOException being thrown. After some discussion and thought, I've changed the behavior of the methods to throw java.io.IOExceptions rather than return null if ever there's an error. I think this is more appropriate, though it will require some changes to your code. Sorry, it should have been done this way to begin with.</li>
  - \* <li><em>Removed all references to System.out, System.err, and the like.</em>
  - \* <li>Shame on me. All I can say is sorry they were ever there.</li>
  - \* <li><em>Throws NullPointerExceptions and IllegalArgumentExceptions</em> as needed such as when passed arrays are null or offsets are invalid.</li>
  - \* <li>Cleaned up as much javadoc as I could to avoid any javadoc warnings. This was especially annoying before for people who were thorough in their own projects and then had gobs of javadoc warnings on this file.</li>
- \* </ul>
- \* <li>v2.2.1 - Fixed bug using URL\_SAFE and ORDERED encodings. Fixed bug when using very small files (~&lt; 40 bytes).</li>
- \* <li>v2.2 - Added some helper methods for encoding/decoding directly from one file to the next. Also added a main() method to support command line encoding/decoding from one file to the next. Also added these Base64 dialects:

- \* <ol>
- \* <li>The default is RFC3548 format.</li>
- \* <li>Calling Base64.setFormat(Base64.BASE64\_FORMAT.URLSAFE\_FORMAT) generates
- \* URL and file name friendly format as described in Section 4 of RFC3548.
- \* <http://www.faqs.org/rfcs/rfc3548.html></li>
- \* <li>Calling Base64.setFormat(Base64.BASE64\_FORMAT.ORDERED\_FORMAT) generates
- \* URL and file name friendly format that preserves lexical ordering as described
- \* in <http://www.faqs.org/qa/rfcc-1940.html></li>
- \* </ol>
- \* Special thanks to Jim Kellerman at <http://www.powerset.com/>
- \* for contributing the new Base64 dialects.
- \* </li>
- \* <p>
- \* <li>v2.1 - Cleaned up javadoc comments and unused variables and methods. Added
- \* some convenience methods for reading and writing to and from files.</li>
- \* <li>v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems
- \* with other encodings (like EBCDIC).</li>
- \* <li>v2.0.1 - Fixed an error when decoding a single byte, that is, when the
- \* encoded data was a single byte.</li>
- \* <li>v2.0 - I got rid of methods that used booleans to set options.
- \* Now everything is more consolidated and cleaner. The code now detects
- \* when data that's being decoded is gzip-compressed and will decompress it
- \* automatically. Generally things are cleaner. You'll probably have to
- \* change some method calls that you were making to support the new
- \* options format (<tt>int</tt>s that you "OR" together).</li>
- \* <li>v1.5.1 - Fixed bug when decompressing and decoding to a
- \* byte[] using <tt>decode( String s, boolean gzipCompressed )</tt>.
- \* Added the ability to "suspend" encoding in the Output Stream so
- \* you can turn on and off the encoding if you need to embed base64
- \* data in an otherwise "normal" stream (like an XML file).</li>
- \* <li>v1.5 - Output stream pases on flush() command but doesn't do anything itself.
- \* This helps when using GZIP streams.
- \* Added the ability to GZip-compress objects before encoding them.</li>
- \* <li>v1.4 - Added helper methods to read/write files.</li>
- \* <li>v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.</li>
- \* <li>v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream
- \* where last buffer being read, if not completely full, was not returned.</li>
- \* <li>v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.</li>
- \* <li>v1.3.3 - Fixed I/O streams which were totally messed up.</li>
- \* </ul>
- \* <p>
- \* <p>
- \* I am placing this code in the Public Domain. Do with it as you will.
- \* This software comes with no guarantees or warranties but with
- \* plenty of well-wishing instead!
- \* Please visit <http://iharder.net/base64>
- \* periodically to check for updates or to contribute improvements.
- \* </p>

\*  
\* @author Robert Harder  
\* @author rob@iharder.net  
\* @version 2.3.7  
\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/common/Base64.java

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\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/action/support/broadcast/BroadcastOperationRequest.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/cluster/routing/RouterBuilders.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/cluster/routing/IndexShardRoutingTable.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/cluster/routing/RouterTable.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/action/delete/DeleteRequest.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/action/admin/indices/mapping/delete/DeleteMappingRequest.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/cluster/routing/ImmutableShardRouting.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/cluster/metadata/IndexMetaData.java

\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-

jar/org/elasticsearch/cluster/routing/IndexRoutingTable.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/cluster/routing/MutableShardRouting.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/action/support/replication/IndicesReplicationOperationRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/action/index/IndexRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/cluster/metadata/MetaData.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/action/admin/indices/mapping/put/PutMappingRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/indices/cluster/IndicesClusterStateService.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/action/support/replication/TransportIndicesReplicationOperationAction.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/action/search/SearchRequest.java  
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jar/org/elasticsearch/script/ExplainableSearchScript.java  
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\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/rest/action/admin/indices/alias/put/RestIndexPutAliasAction.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/action/admin/indices/alias/exists/TransportIndicesExistsAliasesAction.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/action/admin/indices/alias/get/IndicesGetAliasesRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/indices/AliasMissingException.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/action/admin/indices/alias/get/TransportIndicesGetAliasesAction.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/rest/action/admin/indices/alias/delete/RestIndexDeleteAliasesAction.java  
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\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/jsr166e/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/jsr166e/RecursiveTask.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/jsr166e/ForkJoinWorkerThread.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/jsr166y/LinkedTransferQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/jsr166e/DoubleAdder.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-

jar/jsr166y/ThreadLocalRandom.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166y/ForkJoinTask.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166e/ForkJoinTask.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166e/RecursiveAction.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166y/RecursiveTask.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166y/RecursiveAction.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166y/Phaser.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166e/DoubleMaxUpdater.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166e/LongAdder.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166e/ConcurrentHashMapV8.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166y/ForkJoinPool.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166e/extra/ReadMostlyVector.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166y/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166e/StampedLock.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166e/CompletionException.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166e/extra/AtomicDoubleArray.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166e/Striped64.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/jsr166y/CountedCompleter.java  
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jar/jsr166e/LongMaxUpdater.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
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\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/gateway/RecoveryStatus.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-

jar/org/elasticsearch/index/query/MatchAllQueryParser.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/action/support/broadcast/BroadcastShardOperationRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/engine/EngineClosedException.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/LocalNodeId.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/IndexComponent.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/transport/NodeDisconnectedException.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/action/get/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/translog/fs/FsTranslogFile.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/common/lucene/search/OrFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/action/mlt/MoreLikeThisRequestBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/search/facet/histogram/InternalFullHistogramFacet.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/mapper/multifield/MultiFieldMapper.java  
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jar/org/elasticsearch/action/admin/cluster/reroute/ClusterRerouteAction.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
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\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/fielddata/fieldcomparator/SortMode.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/cache/docset/simple/SimpleDocSetCache.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/rest/action/admin/indices/mapping/put/RestPutMappingAction.java  
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jar/org/elasticsearch/action/deletebyquery/package-info.java  
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jar/org/elasticsearch/index/analysis/CJKWidthFilterFactory.java  
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jar/org/elasticsearch/common/lucene/docset/MatchDocIdSet.java  
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\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/query/GeoShapeFilterParser.java  
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jar/org/elasticsearch/index/IndexShardAlreadyExistsException.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/node/settings/NodeSettingsService.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
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\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/cluster/ClusterState.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/index/store/ram/RamIndexStore.java  
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\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
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jar/org/elasticsearch/action/admin/indices/validate/query/QueryExplanation.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/common/io/CharSequenceReader.java  
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jar/org/elasticsearch/index/mapper/internal/UidFieldMapper.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-  
jar/org/elasticsearch/action/admin/cluster/node/restart/NodesRestartRequest.java  
\* /opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-



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jar/org/elasticsearch/index/fielddata/ShardFieldData.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
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* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/index/analysis/PortugueseAnalyzerProvider.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
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* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/index/query/MissingFilterParser.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/index/query/GeoShapeQueryBuilder.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/http/HttpInfo.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
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* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/index/engine/IndexEngineModule.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/action/explain/package-info.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/rest/action/admin/cluster/reroute/RestClusterRerouteAction.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/search/facet/datehistogram/InternalFullDateHistogramFacet.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/index/codec/postingsformat/MemoryPostingsFormatProvider.java
* /opt/ws_local/PERMITS_SQL/1070429846_1594713100.88/0/elasticsearch-0-90-2-sources-1-
jar/org/elasticsearch/monitor/dump/heap/HeapDumpContributor.java
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*/
/**
```

\* Should each { @link org.elasticsearch.search.SearchHit} be returned with its  
\* version.  
\*/

Found in path(s):

\*/opt/ws\_local/PERMITS\_SQL/1070429846\_1594713100.88/0/elasticsearch-0-90-2-sources-1-jar/org/elasticsearch/action/search/SearchRequestBuilder.java

## 1.562 trousers 0.3.14 2.el7

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## 1.563 neo4jssl 3.3.2

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SourceFile

StackMapTableappend

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java/lang/SecurityExceptionjava/lang/SecurityManagerjava/lang/Stringjava/lang/StringBuilderjava/lang/Systemjava/  
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va/security/Permission;)Z&(L)java/security/PermissionCollection;-(L)java/lang/String;)L)java/lang/StringBuilder;\*)  
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## 1.568 spring-boot-starter-parent 2.2.6

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## 1.569 python-ldap 2.4.15 2.e17

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### 3.5.0.1 1.e17

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If distribution of object code is made by offering access to copy

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## 1.579 rootfiles 8.1 11.el7

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## 1.580 gopkg-in-rofig-cron-v2 v2

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## 1.588 scikit\_learn 0.22.1

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# 1.589 python-devel 2.7.5 58.el7.x86\_64

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History and License

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History of the software



Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl/>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us/>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see <http://www.zope.com/>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| Release        | Derived from | Year      | Owner      | GPL compatible? |
|----------------|--------------|-----------|------------|-----------------|
| 0.9.0 thru 1.2 | n/a          | 1991-1995 | CWI        | yes             |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes             |
| 1.6            | 1.5.2        | 2000      | CNRI       | no              |
| 2.0            | 1.6          | 2000      | BeOpen.com | no              |
| 1.6.1          | 1.6          | 2001      | CNRI       | no              |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no              |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes             |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes             |
| 2.2            | 2.1.1        | 2001      | PSF        | yes             |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes             |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes             |

|                                 |       |           |     |     |  |
|---------------------------------|-------|-----------|-----|-----|--|
| 2.2.1                           | 2.2   | 2002      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.2.2                           | 2.2.1 | 2002      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.2.3                           | 2.2.2 | 2002-2003 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.3                             | 2.2.2 | 2002-2003 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.3.1                           | 2.3   | 2002-2003 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.3.2                           | 2.3.1 | 2003      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.3.3                           | 2.3.2 | 2003      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.3.4                           | 2.3.3 | 2004      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.3.5                           | 2.3.4 | 2005      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.4                             | 2.3   | 2004      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.4.1                           | 2.4   | 2005      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.4.2                           | 2.4.1 | 2005      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.4.3                           | 2.4.2 | 2006      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.4.4                           | 2.4.3 | 2006      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.5                             | 2.4   | 2006      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.5.1                           | 2.5   | 2007      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.5.2                           | 2.5.1 | 2008      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.5.3                           | 2.5.2 | 2008      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.6                             | 2.5   | 2008      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.6.1                           | 2.6   | 2008      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.6.2                           | 2.6.1 | 2009      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
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| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.6.4                           | 2.6.3 | 2010      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |
| 2.7                             | 2.6   | 2010      | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |           |     |     |  |

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### Mersenne Twister

-----

The `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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Floating point exception control



-----  
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```

MD5 message digest algorithm  
-----

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

- 2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.
- 1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
- 1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
- 1999-05-03 lpd Original version.

Asynchronous socket services

-----

The :mod:`asynchat` and :mod:`asyncore` modules contain the following notice::

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Cookie management

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-----

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## UUencode and UUdecode functions

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

#### XML Remote Procedure Calls

-----

The `:mod:`xmlrpclib`` module contains the following notice::

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test\_epoll

-----

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Select kqueue

-----

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strtod and dtoa

-----

The file :file:`Python/dtoa.c`, which supplies C functions `dtoa` and `strtod` for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available from <http://www.netlib.org/fp/>. The original file, as retrieved on March 16, 2009, contains the following copyright and licensing notice::

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-----

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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|-------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI   | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI  | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI  | no                  |

|       |           |           |            |         |
|-------|-----------|-----------|------------|---------|
| 2.0   | 1.6       | 2000      | BeOpen.com | no      |
| 1.6.1 | 1.6       | 2001      | CNRI       | yes (2) |
| 2.1   | 2.0+1.6.1 | 2001      | PSF        | no      |
| 2.0.1 | 2.0+1.6.1 | 2001      | PSF        | yes     |
| 2.1.1 | 2.1+2.0.1 | 2001      | PSF        | yes     |
| 2.2   | 2.1.1     | 2001      | PSF        | yes     |
| 2.1.2 | 2.1.1     | 2002      | PSF        | yes     |
| 2.1.3 | 2.1.2     | 2002      | PSF        | yes     |
| 2.2.1 | 2.2       | 2002      | PSF        | yes     |
| 2.2.2 | 2.2.1     | 2002      | PSF        | yes     |
| 2.2.3 | 2.2.2     | 2003      | PSF        | yes     |
| 2.3   | 2.2.2     | 2002-2003 | PSF        | yes     |
| 2.3.1 | 2.3       | 2002-2003 | PSF        | yes     |
| 2.3.2 | 2.3.1     | 2002-2003 | PSF        | yes     |
| 2.3.3 | 2.3.2     | 2002-2003 | PSF        | yes     |
| 2.3.4 | 2.3.3     | 2004      | PSF        | yes     |
| 2.3.5 | 2.3.4     | 2005      | PSF        | yes     |
| 2.4   | 2.3       | 2004      | PSF        | yes     |
| 2.4.1 | 2.4       | 2005      | PSF        | yes     |
| 2.4.2 | 2.4.1     | 2005      | PSF        | yes     |
| 2.4.3 | 2.4.2     | 2006      | PSF        | yes     |
| 2.4.4 | 2.4.3     | 2006      | PSF        | yes     |
| 2.5   | 2.4       | 2006      | PSF        | yes     |
| 2.5.1 | 2.5       | 2007      | PSF        | yes     |
| 2.5.2 | 2.5.1     | 2008      | PSF        | yes     |
| 2.5.3 | 2.5.2     | 2008      | PSF        | yes     |
| 2.6   | 2.5       | 2008      | PSF        | yes     |
| 2.6.1 | 2.6       | 2008      | PSF        | yes     |
| 2.6.2 | 2.6.1     | 2009      | PSF        | yes     |
| 2.6.3 | 2.6.2     | 2009      | PSF        | yes     |
| 2.6.4 | 2.6.3     | 2009      | PSF        | yes     |
| 2.6.5 | 2.6.4     | 2010      | PSF        | yes     |
| 2.7   | 2.6       | 2010      | PSF        | yes     |

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.. \_history-and-license:

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History and License

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History of the software

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl/>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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| Release        | Derived from | Year      | Owner      | GPL compatible? |
|----------------|--------------|-----------|------------|-----------------|
| 0.9.0 thru 1.2 | n/a          | 1991-1995 | CWI        | yes             |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes             |
| 1.6            | 1.5.2        | 2000      | CNRI       | no              |
| 2.0            | 1.6          | 2000      | BeOpen.com | no              |
| 1.6.1          | 1.6          | 2001      | CNRI       | no              |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no              |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes             |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes             |
| 2.2            | 2.1.1        | 2001      | PSF        | yes             |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes             |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes             |
| 2.2.1          | 2.2          | 2002      | PSF        | yes             |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes             |
| 2.2.3          | 2.2.2        | 2002-2003 | PSF        | yes             |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes             |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes             |
| 2.3.2          | 2.3.1        | 2003      | PSF        | yes             |

|                                 |       |      |     |     |  |
|---------------------------------|-------|------|-----|-----|--|
| 2.3.3                           | 2.3.2 | 2003 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.3.4                           | 2.3.3 | 2004 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.3.5                           | 2.3.4 | 2005 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.4                             | 2.3   | 2004 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.4.1                           | 2.4   | 2005 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.4.2                           | 2.4.1 | 2005 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.4.3                           | 2.4.2 | 2006 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.4.4                           | 2.4.3 | 2006 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.5                             | 2.4   | 2006 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.5.1                           | 2.5   | 2007 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.5.2                           | 2.5.1 | 2008 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.5.3                           | 2.5.2 | 2008 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.6                             | 2.5   | 2008 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.6.1                           | 2.6   | 2008 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.6.2                           | 2.6.1 | 2009 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.6.3                           | 2.6.2 | 2009 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.6.4                           | 2.6.3 | 2010 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |
| 2.7                             | 2.6   | 2010 | PSF | yes |  |
| +-----+-----+-----+-----+-----+ |       |      |     |     |  |

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Mersenne Twister

-----  
The :mod:`\_random` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

## Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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-----  
MD5 message digest algorithm  
-----

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

- 2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.
- 1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
- 1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
- 1999-05-03 lpd Original version.

Asynchronous socket services

-----

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Cookie management

-----

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Execution tracing

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UUencode and UUdecode functions

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion

between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.

- Arguments more compliant with Python standard

#### XML Remote Procedure Calls

-----

The `:mod:`xmlrpclib`` module contains the following notice::

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test\_epoll

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Select kqueue

-----

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strtod and dtoa

-----

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## OpenSSL

-----

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Found in path(s):

- \* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_typeddeclaration\_smiv1\_pysnmp.py
- \* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-

0.3.4/tests/test\_objecttype\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/writer/localfile.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_notificationtype\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/parser/dialect.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/searcher/\_\_init\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_notificationgroup\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/parser/base.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_objectgroup\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/codegen/pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/borrower/base.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/parser/\_\_init\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/lexer/base.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_modulecompliance\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/searcher/pyfile.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/codegen/jsondoc.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/parser/smi.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/parser/smiv1compat.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_imports\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/scripts/mibdump.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/reader/base.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_typedecclaration\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/setup.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/borrower/pyfile.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/reader/httpclient.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/mibinfo.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-

0.3.4/pysmi/reader/url.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/writer/callback.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/borrower/\_\_init\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/writer/base.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/reader/ftplibclient.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/reader/callback.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/reader/zipreader.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/\_\_main\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_smiv1\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/writer/\_\_init\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/reader/localfile.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/parser/smiv2.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/searcher/stub.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_agentcapabilities\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_objectidentity\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_moduleidentity\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_valuedeclaration\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/borrower/anyfile.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/parser/null.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_zipreader.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/codegen/symtable.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/searcher/pypackage.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/tests/test\_traptype\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/compiler.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/error.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/codegen/base.py

\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/compat.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/lexer/\_\_init\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/writer/pyfile.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/codegen/null.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/searcher/anyfile.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/searcher/base.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/reader/\_\_init\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/debug.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/parser/smiv1.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/scripts/mibcopy.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/codegen/\_\_init\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi/lexer/smi.py  
No license file was found, but licenses were detected in source scan.

#### SNMP MIB parser

-----

[!Python Versions](https://img.shields.io/pypi/pyversions/pysmi.svg)(https://pypi.org/project/pysmi/)  
[!Build status](https://travis-ci.org/etingof/pysmi.svg?branch=master)(https://secure.travis-ci.org/etingof/pysmi)  
[!Coverage  
Status](https://img.shields.io/codecov/c/github/etingof/pysmi.svg)(https://codecov.io/github/etingof/pysmi)  
[!GitHub license](https://img.shields.io/badge/license-BSD-blue.svg)(https://raw.githubusercontent.com/etingof/pysmi/master/LICENSE.rst)

PySMI is a pure-Python implementation of  
[SNMP SMI](https://en.wikipedia.org/wiki/Management\_information\_base) MIB parser.  
This tool is designed to turn ASN.1 MIBs into various formats. As of this moment,  
JSON and [pysnmp](https://github.com/etingof/pysnmp) modules can be generated  
from ASN.1 MIBs.

#### Features

-----

- \* Understands SMIV1, SMIV2 and de-facto SMI dialects
- \* Turns MIBs into pysnmp classes and JSON documents
- \* Maintains an index of MIB objects over many MIB modules
- \* Automatically pulls ASN.1 MIBs from local directories, ZIP archives, HTTP and FTP servers
- \* 100% Python, works with Python 2.4 up to Python 3.7

Rendered PySMI documentation can be found at [pysmi site](http://snmplabs.com/pysmi).

## How to use PySMI

-----

If you are using pysnmp, you might never notice pysmi presence - pysnmp calls pysmi for MIB download and compilation behind the scenes (you can still can do that manually by invoking \*mibdump.py\* tool).

To turn ASN.1 MIB into a JSON document, call \*mibdump.py\* tool like this:

---

```
$ mibdump.py --generate-mib-texts --destination-format json IF-MIB
Source MIB repositories: file:///usr/share/snmp/mibs, http://mibs.snmplabs.com/asn1/@mib@
Borrow missing/failed MIBs from: http://mibs.snmplabs.com/json/fulltexts/@mib@
Existing/compiled MIB locations:
Compiled MIBs destination directory: .
MIBs excluded from code generation: RFC-1212, RFC-1215, RFC1065-SMI, RFC1155-SMI,
RFC1158-MIB, RFC1213-MIB, SNMPv2-CONF, SNMPv2-SMI, SNMPv2-TC, SNMPv2-TM
MIBs to compile: IF-MIB
Destination format: json
Parser grammar cache directory: not used
Also compile all relevant MIBs: yes
Rebuild MIBs regardless of age: yes
Do not create/update MIBs: no
Byte-compile Python modules: no (optimization level no)
Ignore compilation errors: no
Generate OID->MIB index: no
Generate texts in MIBs: yes
Keep original texts layout: no
Try various filenames while searching for MIB module: yes
Created/updated MIBs: IANAifType-MIB, IF-MIB, SNMPv2-MIB
Pre-compiled MIBs borrowed:
Up to date MIBs: SNMPv2-CONF, SNMPv2-SMI, SNMPv2-TC
Missing source MIBs:
Ignored MIBs:
Failed MIBs:

```

JSON document build from  
[IF-MIB module](http://mibs.snmplabs.com/asn1/IF-MIB)  
would hold information such as:

---

```
{
 "ifMIB": {
 "name": "ifMIB",
 "oid": "1.3.6.1.2.1.31",
 "class": "moduleidentity",
```

```

 "revisions": [
 "2007-02-15 00:00",
 "1996-02-28 21:55",
 "1993-11-08 21:55"
]
 },
 ...
 "ifTestTable": {
 "name": "ifTestTable",
 "oid": "1.3.6.1.2.1.31.1.3",
 "nodetype": "table",
 "class": "objecttype",
 "maxaccess": "not-accessible"
 },
 "ifTestEntry": {
 "name": "ifTestEntry",
 "oid": "1.3.6.1.2.1.31.1.3.1",
 "nodetype": "row",
 "class": "objecttype",
 "maxaccess": "not-accessible",
 "augmentation": {
 "name": "ifTestEntry",
 "module": "IF-MIB",
 "object": "ifEntry"
 }
 },
 "ifTestId": {
 "name": "ifTestId",
 "oid": "1.3.6.1.2.1.31.1.3.1.1",
 "nodetype": "column",
 "class": "objecttype",
 "syntax": {
 "type": "TestAndIncr",
 "class": "type"
 },
 "maxaccess": "read-write"
 },
 ...
}

```

In general, converted MIBs capture all aspects of original (ASN.1) MIB contents and layout. The snippet above is just a partial example, but here is the complete [IF-MIB.json](<http://mibs.snmplabs.com/json/fulltexts/IF-MIB.json>) file.

Besides one-to-one MIB conversion, PySMI library can produce JSON index to facilitate fast MIB information lookup across large collection of MIB files.



For example, JSON index for  
[IP-MIB.json](http://mibs.snmplabs.com/json/asn1/IP-MIB),  
[TCP-MIB.json](http://mibs.snmplabs.com/json/asn1/TCP-MIB) and  
[UDP-MIB.json](http://mibs.snmplabs.com/json/asn1/UDP-MIB)  
modules would keep information like this:

...

```
{
 "compliance": {
 "1.3.6.1.2.1.48.2.1.1": [
 "IP-MIB"
],
 "1.3.6.1.2.1.49.2.1.1": [
 "TCP-MIB"
],
 "1.3.6.1.2.1.50.2.1.1": [
 "UDP-MIB"
]
 },
 "identity": {
 "1.3.6.1.2.1.48": [
 "IP-MIB"
],
 "1.3.6.1.2.1.49": [
 "TCP-MIB"
],
 "1.3.6.1.2.1.50": [
 "UDP-MIB"
]
 },
 "oids": {
 "1.3.6.1.2.1.4": [
 "IP-MIB"
],
 "1.3.6.1.2.1.5": [
 "IP-MIB"
],
 "1.3.6.1.2.1.6": [
 "TCP-MIB"
],
 "1.3.6.1.2.1.7": [
 "UDP-MIB"
],
 "1.3.6.1.2.1.49": [
 "TCP-MIB"
],
 "1.3.6.1.2.1.50": [
 "UDP-MIB"
]
 }
}
```

```
]
}
}
...

```

With this example, `*compliance*` and `*identity*` keys point to `*MODULE-COMPLIANCE*` and `*MODULE-IDENTITY*` MIB objects, `*oids*` list top-level OIDs branches defined in MIB modules. Full index build over thousands of MIBs could be seen [here](http://mibs.snmplabs.com/json/index.json).

The PySMI library can automatically fetch required MIBs from HTTP, FTP sites or local directories. You could configure any MIB source available to you (including [http://mibs.snmplabs.com/asn1/](http://mibs.snmplabs.com/asn1/)) for that purpose.

### How to get PySMI

-----

The `pysmi` package is distributed under terms and conditions of 2-clause BSD [license](http://snmplabs.com/pysmi/license.html). Source code is freely available as a GitHub [repo](https://github.com/etingof/pysmi).

You could `pip install pysmi` or download it from [PyPI](https://pypi.org/project/pysmi/).

If something does not work as expected, [open an issue](https://github.com/etingof/pysmi/issues) at GitHub or post your question [on Stack Overflow](http://stackoverflow.com/questions/ask).

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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1062946471_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/README.md
No license file was found, but licenses were detected in source scan.
```

License: BSD

Classifier: License :: OSI Approved :: BSD License

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1062946471_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/pysmi.egg-info/PKG-INFO
* /opt/ws_local/PERMITS_SQL/1062946471_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/PKG-INFO
No license file was found, but licenses were detected in source scan.
```

SNMP SMI compiler  
=====

.. toctree::

:maxdepth: 2

The PySMI library and tools are designed to parse, verify and transform  
`SNMP SMI <[https://en.wikipedia.org/wiki/Management\\_information\\_base](https://en.wikipedia.org/wiki/Management_information_base)>`\_ MIB  
modules from their original ASN.1 form into JSON or `pysnmp <<http://snmplabs.com/pysnmp/>>`\_  
representation.

## Documentation

-----

.. toctree::  
:maxdepth: 2

/documentation

## Source code & Changelog

-----

Project source code is hosted at `GitHub <<https://github.com/etingof/pysmi>>`\_  
Everyone is welcome to fork and contribute back!

We maintain the detailed :doc:`log of changes </changelog>` to our software.

## Download & Install

-----

.. toctree::  
:maxdepth: 2

/download

## Changes

-----

.. toctree::  
:maxdepth: 1

/changelog

## License

-----

The SNMP SMI library software is distributed under 2-clause BSD License.

.. toctree::  
:maxdepth: 2

/license

## MIB files archive

-----

The PySMI project maintains a `collection <<http://mibs.snmplabs.com/asn1/>>` of publicly available ASN.1 MIB files collected on the Internet. You are welcome to use this MIBs archive however we can't guarantee any degree of consistency or reliability when it comes to these MIB modules.

The `*mibdump.py*` tool as well as many other utilities based on PySMI are programmed to use this MIB repository for automatic download and dependency resolution.

You can always reconfigure PySMI to use some other remote MIB repository instead or in addition to this one.

## Contact

-----

In case of questions or troubles using SNMP SMI library, please open up an `issue <<https://github.com/etingof/pysmi/issues>>` at GitHub or ask at `Stack Overflow <<http://stackoverflow.com/questions/tagged/pysmi>>` .

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/docs/source/contents.rst

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1062946471\_1592924900.54/0/pysmi-0-3-4-tar-gz/pysmi-0.3.4/LICENSE.rst

# 1.592 pysmi 0.2.2

## 1.592.1 Available under license :

No license file was found, but licenses were detected in source scan.

SNMP MIB parser

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[![Python Versions](https://img.shields.io/pypi/pyversions/pysmi.svg)](https://pypi.python.org/pypi/pysmi/)  
[![Build status](https://travis-ci.org/etingof/pysmi.svg?branch=master)](https://secure.travis-ci.org/etingof/pysmi)  
[![Coverage  
Status](https://img.shields.io/codecov/c/github/etingof/pysmi.svg)](https://codecov.io/github/etingof/pysmi)  
[![GitHub license](https://img.shields.io/badge/license-BSD-blue.svg)](https://raw.githubusercontent.com/etingof/pysmi/master/LICENSE.rst)

PySMI is a pure-Python implementation of

[SNMP SMI](https://en.wikipedia.org/wiki/Management\_information\_base) MIB parser.

This tool is designed to turn ASN.1 MIBs into various formats. As of this moment, JSON and [pysnmp](https://github.com/etingof/pysnmp) modules can be generated from ASN.1 MIBs.

Features

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- \* Understands SMIV1, SMIV2 and de-facto SMI dialects
- \* Turns MIBs into pysnmp classes and JSON documents
- \* Maintains an index of MIB objects over many MIB modules
- \* Automatically pulls ASN.1 MIBs from local directories, ZIP archives, HTTP and FTP servers
- \* 100% Python, works with Python 2.4 up to Python 3.6

Rendered PySMI documentation can be found at [pysmi site](http://pysmi.sf.net).

How to use PySMI

-----

If you are using pysnmp, you might never notice pysmi presence - pysnmp calls pysmi for MIB download and compilation behind the scenes (you can still can do that manually by invoking `*mibdump.py*` tool).

To turn ASN.1 MIB into a JSON document, call \*mibdump.py\* tool like this:

...

```
$ mibdump.py --generate-mib-texts --destination-format json IF-MIB
Source MIB repositories: file:///usr/share/snmp/mibs, http://mibs.snmplabs.com/asn1/@mib@
Borrow missing/failed MIBs from: http://mibs.snmplabs.com/json/fulltexts/@mib@
Existing/compiled MIB locations:
Compiled MIBs destination directory: .
MIBs excluded from code generation: RFC-1212, RFC-1215, RFC1065-SMI, RFC1155-SMI,
RFC1158-MIB, RFC1213-MIB, SNMPv2-CONF, SNMPv2-SMI, SNMPv2-TC, SNMPv2-TM
MIBs to compile: IF-MIB
Destination format: json
Parser grammar cache directory: not used
Also compile all relevant MIBs: yes
Rebuild MIBs regardless of age: yes
Do not create/update MIBs: no
Byte-compile Python modules: no (optimization level no)
Ignore compilation errors: no
Generate OID->MIB index: no
Generate texts in MIBs: yes
Keep original texts layout: no
Try various filenames while searching for MIB module: yes
Created/updated MIBs: IANAifType-MIB, IF-MIB, SNMPv2-MIB
Pre-compiled MIBs borrowed:
Up to date MIBs: SNMPv2-CONF, SNMPv2-SMI, SNMPv2-TC
Missing source MIBs:
Ignored MIBs:
Failed MIBs:
...
```

JSON document build from  
[IF-MIB module](<http://mibs.snmplabs.com/asn1/IF-MIB>)  
would hold information such as:

...

```
{
 "ifMIB": {
 "name": "ifMIB",
 "oid": "1.3.6.1.2.1.31",
 "class": "moduleidentity",
 "revisions": [
 "2007-02-15 00:00",
 "1996-02-28 21:55",
 "1993-11-08 21:55"
]
 },
 ...
 "ifTestTable": {
```

```

 "name": "ifTestTable",
 "oid": "1.3.6.1.2.1.31.1.3",
 "nodetype": "table",
 "class": "objecttype",
 "maxaccess": "not-accessible"
 },
 "ifTestEntry": {
 "name": "ifTestEntry",
 "oid": "1.3.6.1.2.1.31.1.3.1",
 "nodetype": "row",
 "class": "objecttype",
 "maxaccess": "not-accessible",
 "augmentation": {
 "name": "ifTestEntry",
 "module": "IF-MIB",
 "object": "ifEntry"
 }
 },
 "ifTestId": {
 "name": "ifTestId",
 "oid": "1.3.6.1.2.1.31.1.3.1.1",
 "nodetype": "column",
 "class": "objecttype",
 "syntax": {
 "type": "TestAndIncr",
 "class": "type"
 },
 "maxaccess": "read-write"
 },
 ...
}

```

In general, converted MIBs capture all aspects of original (ASN.1) MIB contents and layout. The snippet above is just a partial example, but here is the complete [IF-MIB.json](<http://mibs.snmplabs.com/json/fulltexts/IF-MIB.json>) file.

Besides one-to-one MIB conversion, PySMI library can produce JSON index to facilitate fast MIB information lookup across large collection of MIB files.

For example, JSON index for

[IP-MIB.json](<http://mibs.snmplabs.com/json/asn1/IP-MIB>),

[TCP-MIB.json](<http://mibs.snmplabs.com/json/asn1/TCP-MIB>) and

[UDP-MIB.json](<http://mibs.snmplabs.com/json/asn1/UDP-MIB>)

modules would keep information like this:

```

...
{

```

```

"compliance": {
 "1.3.6.1.2.1.48.2.1.1": [
 "IP-MIB"
],
 "1.3.6.1.2.1.49.2.1.1": [
 "TCP-MIB"
],
 "1.3.6.1.2.1.50.2.1.1": [
 "UDP-MIB"
]
},
"identity": {
 "1.3.6.1.2.1.48": [
 "IP-MIB"
],
 "1.3.6.1.2.1.49": [
 "TCP-MIB"
],
 "1.3.6.1.2.1.50": [
 "UDP-MIB"
]
},
"oids": {
 "1.3.6.1.2.1.4": [
 "IP-MIB"
],
 "1.3.6.1.2.1.5": [
 "IP-MIB"
],
 "1.3.6.1.2.1.6": [
 "TCP-MIB"
],
 "1.3.6.1.2.1.7": [
 "UDP-MIB"
],
 "1.3.6.1.2.1.49": [
 "TCP-MIB"
],
 "1.3.6.1.2.1.50": [
 "UDP-MIB"
]
}
}
}
...

```

With this example, *\*compliance\** and *\*identity\** keys point to *\*MODULE-COMPLIANCE\** and *\*MODULE-IDENTITY\** MIB objects, *\*oids\** list top-level OIDs branches defined in MIB modules. Full index



build over thousands of MIBs could be seen  
[here](http://mibs.snmplabs.com/json/index.json).

The PySMI library can automatically fetch required MIBs from HTTP, FTP sites or local directories. You could configure any MIB source available to you (including [http://mibs.snmplabs.com/asn1/](http://mibs.snmplabs.com/asn1/)) for that purpose.

How to get PySMI

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The pysmi package is distributed under terms and conditions of 2-clause BSD [license](http://pyasn1.sourceforge.net/license.html). Source code is freely available as a GitHub [repo](https://github.com/etingof/pysmi).

You could `pip install pysmi` or download it from [PyPI](https://pypi.python.org/pypi/pysmi).

If something does not work as expected,  
[open an issue](https://github.com/etingof/pysmi/issues) at GitHub or  
post your question [on Stack Overflow](http://stackoverflow.com/questions/ask).

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/README.md

No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/LICENSE.rst

No license file was found, but licenses were detected in source scan.

# License: <http://pysmi.sf.net/license.html>

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_valuedeclaration\_smiv2\_pysnmp.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/reader/localfile.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/parser/smiv1.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/searcher/anyfile.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/reader/callback.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/reader/base.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/reader/url.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/borrower/pyfile.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/searcher/base.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/mibinfo.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/codegen/base.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/compat.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_typeddeclaration\_smiv2\_pysnmp.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/codegen/symtable.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/parser/base.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_modulecompliance\_smiv2\_pysnmp.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_objectidentity\_smiv2\_pysnmp.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/parser/null.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-

0.2.2/tests/test\_objectgroup\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/borrower/\_\_init\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/setup.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_smiv1\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/searcher/\_\_init\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/parser/\_\_init\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/error.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/writer/callback.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/codegen/jsondoc.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/parser/dialect.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_imports\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_tratype\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/debug.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_notificationtype\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_typedecclaration\_smiv1\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/borrower/anyfile.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_notificationgroup\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/lexer/smi.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/borrower/base.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/parser/smiv1compat.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/codegen/null.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/\_\_main\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/codegen/pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/lexer/base.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/compiler.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/lexer/\_\_init\_\_.py

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/scripts/mibdump.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_objecttype\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/writer/base.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_zipreader.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/searcher/pypackage.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/reader/httpclient.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/parser/smi.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/writer/pyfile.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/parser/smiv2.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/searcher/pyfile.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/writer/\_\_init\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_agentcapabilities\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/writer/localfile.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/reader/zipreader.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/searcher/stub.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/tests/test\_moduleidentity\_smiv2\_pysnmp.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/reader/ftpclient.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/codegen/\_\_init\_\_.py  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi/reader/\_\_init\_\_.py

No license file was found, but licenses were detected in source scan.

License: BSD

Classifier: License :: OSI Approved :: BSD License

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/pysmi.egg-info/PKG-INFO  
\* /opt/ws\_local/PERMITS\_SQL/1062948575\_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/PKG-INFO

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## SNMP SMI compiler

=====

```
.. toctree::
 :maxdepth: 2
```

The PySMI library and tools are designed to parse, verify and transform  
`SNMP SMI <[https://en.wikipedia.org/wiki/Management\\_information\\_base](https://en.wikipedia.org/wiki/Management_information_base)>` MIB  
modules from their original ASN.1 form into JSON or `pysnmp <<http://snmplabs.com/pysnmp/>>`  
representation.

## Documentation

-----

```
.. toctree::
 :maxdepth: 2
```

/documentation

## Source code & Changelog

-----

Project source code is hosted at `GitHub <<https://github.com/etingof/pysmi>>`  
Everyone is welcome to fork and contribute back!

We maintain the detailed `:doc:`log of changes </changelog>` to our software.

## Download & Install

-----

```
.. toctree::
 :maxdepth: 2
```

/download

## Changes

-----

```
.. toctree::
 :maxdepth: 1
```

/changelog

## License

-----

The SNMP SMI library software is distributed under 2-clause BSD License.

```
.. toctree::
 :maxdepth: 2
```

```
/license
```

MIB files archive

-----

The PySMI project maintains a `collection <<http://mibs.snmplabs.com/asn1/>>` of publicly available ASN.1 MIB files collected on the Internet. You are welcome to use this MIBs archive however we can't guarantee any degree of consistency or reliability when it comes to these MIB modules.

The `*mibdump.py*` tool as well as many other utilities based on PySMI are programmed to use this MIB repository for automatic download and dependency resolution.

You can always reconfigure PySMI to use some other remote MIB repository instead or in addition to this one.

Contact

-----

In case of questions or troubles using SNMP SMI library, please open up an `issue <<https://github.com/etingof/pysmi/issues>>` at GitHub or ask at `Stack Overflow <<http://stackoverflow.com/questions/tagged/pysmi>>` .

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1062948575_1592925712.59/0/pysmi-0-2-2-1-tar-gz/pysmi-0.2.2/docs/source/contents.rst
```

## 1.593 icu 50.2 4.e17\_7

### 1.593.1 Available under license :

```
-makefile-
BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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```

```
Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)
```

```
Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
```

```

SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

Shared object suffix
SO = so

Non-shared intermediate object suffix
STATIC_O = ao

Compilation rules
%.${STATIC_O}: $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.${STATIC_O}: $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s^\($*\)\.o[:]*^1.o $@ : /g\" > $@; \
[-s $@] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s^\($*\)\.o[:]*^1.o $@ : /g\" > $@; \
[-s $@] || rm -f $@'

Versioned libraries rules

```

```
%. $(SO).$(SO_TARGET_VERSION_MAJOR): %. $(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%. $(SO): %. $(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}. $(SO).$(SO_TARGET_VERSION) $@

End FreeBSD-specific setup
```

# 1.594 libcap-ng 0.7.5 4.el7

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## 1.597 pip 20.0.2

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=====

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Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands  
as a successor of a language called ABC. Guido remains Python's  
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for  
National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>)  
in Reston, Virginia where he released several versions of the  
software.

In May 2000, Guido and the Python core development team moved to  
BeOpen.com to form the BeOpen PythonLabs team. In October of the same  
year, the PythonLabs team moved to Digital Creations (now Zope  
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| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|---------|--------------|------|-------|---------------------|
| 2.5     | 2.4          | 2006 | PSF   | yes                 |
| 2.5.1   | 2.5          | 2007 | PSF   | yes                 |
| 2.5.2   | 2.5.1        | 2008 | PSF   | yes                 |
| 2.5.3   | 2.5.2        | 2008 | PSF   | yes                 |
| 2.6     | 2.5          | 2008 | PSF   | yes                 |
| 2.6.1   | 2.6          | 2008 | PSF   | yes                 |
| 2.6.2   | 2.6.1        | 2009 | PSF   | yes                 |
| 2.6.3   | 2.6.2        | 2009 | PSF   | yes                 |
| 2.6.4   | 2.6.3        | 2009 | PSF   | yes                 |
| 2.6.5   | 2.6.4        | 2010 | PSF   | yes                 |
| 3.0     | 2.6          | 2008 | PSF   | yes                 |
| 3.0.1   | 3.0          | 2009 | PSF   | yes                 |
| 3.1     | 3.0.1        | 2009 | PSF   | yes                 |
| 3.1.1   | 3.1          | 2009 | PSF   | yes                 |
| 3.1.2   | 3.1.1        | 2010 | PSF   | yes                 |
| 3.1.3   | 3.1.2        | 2010 | PSF   | yes                 |
| 3.1.4   | 3.1.3        | 2011 | PSF   | yes                 |
| 3.2     | 3.1          | 2011 | PSF   | yes                 |
| 3.2.1   | 3.2          | 2011 | PSF   | yes                 |
| 3.2.2   | 3.2.1        | 2011 | PSF   | yes                 |
| 3.3     | 3.2          | 2012 | PSF   | yes                 |

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### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |

|       |       |           |     |     |
|-------|-------|-----------|-----|-----|
| 2.2.2 | 2.2.1 | 2002      | PSF | yes |
| 2.2.3 | 2.2.2 | 2003      | PSF | yes |
| 2.3   | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3   | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004      | PSF | yes |
| 2.3.5 | 2.3.4 | 2005      | PSF | yes |
| 2.4   | 2.3   | 2004      | PSF | yes |
| 2.4.1 | 2.4   | 2005      | PSF | yes |
| 2.4.2 | 2.4.1 | 2005      | PSF | yes |
| 2.4.3 | 2.4.2 | 2006      | PSF | yes |
| 2.4.4 | 2.4.3 | 2006      | PSF | yes |
| 2.5   | 2.4   | 2006      | PSF | yes |
| 2.5.1 | 2.5   | 2007      | PSF | yes |
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| 2.6   | 2.5   | 2008      | PSF | yes |
| 2.6.1 | 2.6   | 2008      | PSF | yes |
| 2.6.2 | 2.6.1 | 2009      | PSF | yes |
| 2.6.3 | 2.6.2 | 2009      | PSF | yes |
| 2.6.4 | 2.6.3 | 2009      | PSF | yes |
| 2.6.5 | 2.6.4 | 2010      | PSF | yes |
| 3.0   | 2.6   | 2008      | PSF | yes |
| 3.0.1 | 3.0   | 2009      | PSF | yes |
| 3.1   | 3.0.1 | 2009      | PSF | yes |
| 3.1.1 | 3.1   | 2009      | PSF | yes |
| 3.1.2 | 3.1   | 2010      | PSF | yes |
| 3.2   | 3.1   | 2010      | PSF | yes |

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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## 1.598 texinfo 5.1 5.e17

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## 1.607 pygobject 2.28.6 11.e17

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## 1.612 python-dateutil 1.5 7.e17

# 1.613 protobuf 3.5.2

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\* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).  
\* Added generation of field number constants.

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\* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>  
\* Small patch improving performance of in Python serialization.

Alexandre Vassalotti <alexandre@peadrop.com>  
\* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

Scott Stafford <scott.stafford@gmail.com>  
\* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>  
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Oliver Jowett <oliver.jowett@gmail.com>  
\* Detect whether zlib is new enough in configure script.  
\* Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>  
\* Optimize Java serialization code when writing a small message to a stream.  
\* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.  
\* Clean up some Java warnings.  
\* Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski <m.kucharski@gmail.com>  
\* Added CodedInputStream.getTotalBytesRead().

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\* Fixed m4/acx\_pthread.m4 problem for some Linux distributions.

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\* Fixed detection of sched\_yield on Solaris.  
\* Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>  
\* Fixed minor IBM xLC compiler build issues  
\* Added atomicops for AIX (POWER)

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## 1.621 python-pyudev 0.15 9.e17

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That's all there is to it!

# 1.622 python 3.6.7-1~18.04

## 1.622.1 Available under license :

A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting

Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1

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#
All lines in this file are patterns, including the comment lines; this
means that e.g. `FTL.TXT' matches all files that have this string in
the file name (including the path relative to the current directory,
always starting with `./').
#
Don't put empty lines into this file!
#
.gitignore
#
builds/unix/pkg.m4
#
docs/FTL.TXT
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdfplib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
```

```
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
EOF
```

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o [freetype@nongnu.org](mailto:freetype@nongnu.org)

Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution.

If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

o [freetype-devel@nongnu.org](mailto:freetype-devel@nongnu.org)

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

<http://www.freetype.org>



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The gzip module uses the zlib license (see `src/gzip/zlib.h`) which too is compatible to the above two licenses.

The MD5 checksum support (only used for debugging in development builds) is in the public domain.

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0.4.2/pyasn1/compat/binary.py
* /opt/ws_local/PERMITS_SQL/1063015206_1592948902.19/0/pyasn1-0-4-2-1-tar-gz/pyasn1-
0.4.2/tests/codec/native/__main__.py
* /opt/ws_local/PERMITS_SQL/1063015206_1592948902.19/0/pyasn1-0-4-2-1-tar-gz/pyasn1-
0.4.2/pyasn1/codec/cer/decoder.py
* /opt/ws_local/PERMITS_SQL/1063015206_1592948902.19/0/pyasn1-0-4-2-1-tar-gz/pyasn1-
0.4.2/pyasn1/error.py
* /opt/ws_local/PERMITS_SQL/1063015206_1592948902.19/0/pyasn1-0-4-2-1-tar-gz/pyasn1-
0.4.2/pyasn1/type/tagmap.py
* /opt/ws_local/PERMITS_SQL/1063015206_1592948902.19/0/pyasn1-0-4-2-1-tar-gz/pyasn1-
0.4.2/pyasn1/type/tag.py
* /opt/ws_local/PERMITS_SQL/1063015206_1592948902.19/0/pyasn1-0-4-2-1-tar-gz/pyasn1-
0.4.2/pyasn1/compat/integer.py
* /opt/ws_local/PERMITS_SQL/1063015206_1592948902.19/0/pyasn1-0-4-2-1-tar-gz/pyasn1-
0.4.2/tests/test_debug.py
* /opt/ws_local/PERMITS_SQL/1063015206_1592948902.19/0/pyasn1-0-4-2-1-tar-gz/pyasn1-
0.4.2/pyasn1/compat/octets.py
* /opt/ws_local/PERMITS_SQL/1063015206_1592948902.19/0/pyasn1-0-4-2-1-tar-gz/pyasn1-0.4.2/tests/base.py
* /opt/ws_local/PERMITS_SQL/1063015206_1592948902.19/0/pyasn1-0-4-2-1-tar-gz/pyasn1-
0.4.2/tests/codec/ber/test_decoder.py
```

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```
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* /opt/ws_local/PERMITS_SQL/1063015206_1592948902.19/0/pyasn1-0-4-2-1-tar-gz/pyasn1-0.4.2/pyasn1.egg-
info/PKG-INFO
```

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ASN.1 library for Python

=====

```
.. toctree::
 :maxdepth: 1
```

Abstract Syntax Notation One (ASN.1

<[http://en.wikipedia.org/wiki/Abstract\\_Syntax\\_Notation\\_1x](http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x)>\_) is a technology for exchanging structured data in a universally understood, hardware agnostic way. Many industrial, security and telephony applications heavily rely on ASN.1.

The `pyasn1` <<https://pypi.python.org/pypi/pyasn1/>>`\_ library implements ASN.1 support in pure-Python.

What is ASN.1

-----

ASN.1 is a large, arguably over-engineered and extremely old data modelling and serialisation tool. It is probably among the first serialisation protocols in the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first electronic mail (known as X.400). Later on it was split off the e-mail application and became a stand-alone tech still being actively supported by its designers and widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the first, unsuccessful, version of the Internet. You can read many interesting discussions <<https://news.ycombinator.com/item?id=8871453>> on that topic.

In the following years, generations of software engineers tackled the serialisation problem many times. We can see that in Google's `ProtoBuffers` <<https://developers.google.com/protocol-buffers/>> or `FlatBuffers` <<https://google.github.io/flatbuffers/>>, for example. Interestingly, many new takes on binary protocol design do not depart far from ASN.1 from technical perspective. It's more of a matter of striking a balance between processing overhead, wire format overhead and human readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

- \* Data types: the standard introduces a collection of basic data types (integers, bits, strings, arrays and records) that can be used for describing arbitrarily complex, nested data structures.
- \* Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as recovered back into their structured form. The system is fully agnostic to hardware architectures differences.
- \* Schema language: ASN.1 data structures could be described in terms of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

ASN.1 applications

-----

Being an old and generally successful standard, ASN.1 is widely adopted for many uses. To give you an example, these technologies use ASN.1 for their data exchange needs:

- \* Signaling standards for the public switched telephone network (SS7 family)
- \* Network management standards (SNMP, CMIP)
- \* Directory standards (X.500 family, LDAP)

- \* Public Key Infrastructure standards (X.509, etc.)
- \* PBX control (CSTA)
- \* IP-based Videoconferencing (H.323 family)
- \* Biometrics (BIP, CBEFF, ACBio)
- \* Intelligent transportation (SAE J2735)
- \* Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

## ASN.1 gotchas

-----

Apparently, ASN.1 is hard to implement properly. Quality open-source ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the `statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>`_`` on discovered security vulnerabilities, many people have implemented ASN.1 parsers and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood and security reviewed.

## Documentation

-----

```
.. toctree::
 :maxdepth: 2
```

/pyasn1/contents

## Use case

-----

```
.. toctree::
 :maxdepth: 2
```

/example-use-case

## Download & Install

-----

```
.. toctree::
 :maxdepth: 2
```

/download

## Changes

-----

All changes and release history is maintained in changelog. There you could also download the latest unreleased pyasn1 tarball containing

the latest fixes and improvements.

```
.. toctree::
 :maxdepth: 1
```

```
/changelog
```

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-----

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```
.. toctree::
 :maxdepth: 2
```

```
/license
```

Getting help

-----

Please, file your `issues` <<https://github.com/etingof/pyasn1/issues>>` \_  
and `PRs` <<https://github.com/etingof/pyasn1/pulls>>` \_ at GitHub.  
Alternatively, you could ask for help at  
`Stack Overflow` <<http://stackoverflow.com/questions/tagged/pyasn1>>` \_  
or search  
`pyasn1-users` <<https://lists.sourceforge.net/lists/listinfo/pyasn1-users>>` \_  
mailing list archive.

Books on ASN.1

-----

The pyasn1 implementation is largely based on reading up the following awesome books:

- \* `ASN.1 - Communication between heterogeneous systems` <<http://www.oss.com/asn1/dubuisson.html>>` \_ by Olivier Dubuisson
- \* `ASN.1 Complete` <<http://www.oss.com/asn1/resources/books-whitepapers-pubs/larmouth-asn1-book.pdf>>` \_ by Prof John Larmouth

Here you can get the official standards which is hard to read:

- \* `ITU standards` <<http://www.itu.int/ITU-T/studygroups/com17/languages/X.680-X.693-0207w.zip>>` \_

On the other end of the readability spectrum, here is a quick and sweet write up:

- \* `A Layman's Guide to a Subset of ASN.1, BER, and DER` <<http://ftp.rsasecurity.com/pub/pkcs/ascii/layman.asc>>` \_ by Burton S. Kaliski

If you are working with ASN.1, we'd highly recommend reading a proper book on the subject.

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1063015206\_1592948902.19/0/pyasn1-0-4-2-1-tar-gz/pyasn1-0.4.2/docs/source/contents.rst

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ASN.1 library for Python

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[![PyPI](https://img.shields.io/pypi/v/pyasn1.svg?maxAge=2592000)](https://pypi.python.org/pypi/pyasn1)  
[![Python Versions](https://img.shields.io/pypi/pyversions/pyasn1.svg)](https://pypi.python.org/pypi/pyasn1/)  
[![Build status](https://travis-ci.org/etingof/pyasn1.svg?branch=master)](https://secure.travis-ci.org/etingof/pyasn1)  
[![Coverage Status](https://img.shields.io/codecov/c/github/etingof/pyasn1.svg)](https://codecov.io/github/etingof/pyasn1)  
[![GitHub license](https://img.shields.io/badge/license-BSD-blue.svg)](https://raw.githubusercontent.com/etingof/pyasn1/master/LICENSE.txt)

This is a free and open source implementation of ASN.1 types and codecs as a Python package. It has been first written to support particular protocol (SNMP) but then generalized to be suitable for a wide range of protocols based on

[ASN.1 specification](https://www.itu.int/rec/dologin\_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items).

Features

-----

- \* Generic implementation of ASN.1 types (X.208)
- \* Standards compliant BER/CER/DER codecs
- \* Dumps/loads ASN.1 structures from Python types
- \* 100% Python, works with Python 2.4 up to Python 3.6
- \* MT-safe
- \* Contributed ASN.1 compiler [Asn1ate](https://github.com/kimgr/asn1ate)

Why using pyasn1

-----

ASN.1 solves the data serialisation problem. This solution was designed long ago by the wise Ancients. Back then, they did not have the luxury of wasting bits. That is why ASN.1 is designed to serialise data structures of unbounded complexity into something compact and efficient when it comes to processing the data.

That probably explains why many network protocols and file formats still rely on the 30+ years old technology. Including a number of high-profile Internet protocols and file formats.



Quite a number of books cover the topic of ASN.1.

[Communication between heterogeneous systems](<http://www.oss.com/asn1/dubuisson.html>) by Olivier Dubuisson is one of those high quality books freely available on the Internet.

The pyasn1 package is designed to help Python programmers tackling network protocols and file formats at the comfort of their Python prompt. The tool struggles to capture all aspects of a rather complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1

-----

With pyasn1 you can build Python objects from ASN.1 data structures. For example, the following ASN.1 data structure:

```
```bash
Record ::= SEQUENCE {
  id    INTEGER,
  room  [0] INTEGER OPTIONAL,
  house [1] INTEGER DEFAULT 0
}
```
```

Could be expressed in pyasn1 like this:

```
```python
class Record(Sequence):
    componentType = NamedTypes(
        NamedType('id', Integer()),
        OptionalNamedType(
            'room', Integer().subtype(
                implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
            )
        ),
        DefaultedNamedType(
            'house', Integer(0).subtype(
                implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
            )
        )
    )
```
```

It is in the spirit of ASN.1 to take abstract data description and turn it into a programming language specific form.

Once you have your ASN.1 data structure expressed in Python, you can use it along the lines of similar Python type (e.g. ASN.1

`SET` is similar to Python `dict`, `SET OF` to `list`):

```
```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
>>>
```
```

Part of the power of ASN.1 comes from its serialisation features. You can serialise your data structure and send it over the network.

```
```python
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
```
```

Conversely, you can turn serialised ASN.1 content, as received from network or read from a file, into a Python object which you can introspect, modify, encode and send back.

```
```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>>
>>> for field in received_record:
>>>     print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
>>>
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
```
```

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int, list, dict etc.). But ASN.1 types exhibit more complicated behaviour.

To make life easier for a Pythonista, they can turn their pyasn1

classes into Python built-ins:

```
```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
```
```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of Python objects:

```
```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id': 123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
id=123
room=321
>>>
```
```

With ASN.1 design, serialisation codecs are decoupled from data objects, so you could turn every single ASN.1 object into many different serialised forms. As of this moment, pyasn1 supports BER, DER, CER and Python built-ins codecs. The extremely compact PER encoding is expected to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the [documentation](<http://snmplabs.com/pyasn1/>), compiled ASN.1 modules for different protocols and file formats could be found in the pyasn1-modules [repo](<https://github.com/etingof/pyasn1-modules>).

How to get pyasn1

-----

The pyasn1 package is distributed under terms and conditions of 2-clause BSD [license](<http://snmplabs.com/pyasn1/license.html>). Source code is freely available as a GitHub [repo](<https://github.com/etingof/pyasn1>).

You could `pip install pyasn1` or download it from [PyPI](<https://pypi.python.org/pypi/pyasn1>).

If something does not work as expected, [open an issue](<https://github.com/etingof/pyasn1/issues>) at GitHub or post your question [on Stack Overflow](<http://stackoverflow.com/questions/ask>) or try browsing pyasn1 [mailing list archives](<https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/>).

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\* /opt/ws\_local/PERMITS\_SQL/1063015206\_1592948902.19/0/pyasn1-0-4-2-1-tar-gz/pyasn1-0.4.2/README.md

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@c Local Variables:

@c ispell-local-pdict: "ispell-dict"

@c End:

## 1.629 urllib3 1.22

## 1.630 linux-kernel 3.10.0 1127.el7

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Thanks go to the following people for patches and contributions:

Michael Hunold <m.hunold@gmx.de>  
for the initial saa7146 driver and its recent overhaul

Christian Theiss  
for his work on the initial Linux DVB driver

Marcus Metzler <mocm@metzlerbros.de>  
Ralph Metzler <rjkm@metzlerbros.de>  
for their continuing work on the DVB driver

Michael Holzt <kju@debian.org>  
for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>  
for CyberLogin for Linux which allows logging onto EON  
(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

Martin Schaller <martin@smurf.franken.de>  
for patching the cable card decoder driver

Klaus Schmidinger <Klaus.Schmidinger@cadsoft.de>  
for various fixes regarding tuning, OSD and CI stuff and his work on VDR

Steve Brown <sbrown@cortland.com>  
for his AFC kernel thread

Christoph Martin <martin@uni-mainz.de>  
for his LIRC infrared handler

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Wolfram Joost <dbox2@frokaschwei.de>

...and all the other dbox2 people

for many bugfixes in the generic DVB Core, frontend drivers and their work on the dbox2 port of the DVB driver

Oliver Endriss <o.endriss@gmx.de>

for many bugfixes

Andrew de Quincey <adq\_dvb@lidskialf.net>

for the tda1004x frontend driver, and various bugfixes

Peter Schildmann <peter.schildmann@web.de>

for the driver for the Technisat SkyStar2 PCI DVB card

Vadim Catana <skystar@moldova.cc>

Roberto Ragusa <r.ragusa@libero.it>

Augusto Cardoso <augusto@carhil.net>

for all the work for the FlexCopII chipset by B2C2,Inc.

Davor Emard <emard@softhome.net>

for his work on the budget drivers, the demux code, the module unloading problems, ...

Hans-Frieder Vogt <hfvogt@arcor.de>

for his work on calculating and checking the crc's for the TechnoTrend/Hauppauge DEC driver firmware

Michael Dreher <michael@5dot1.de>

Andreas 'randy' Weinberger

for the support of the Fujitsu-Siemens Activy budget DVB-S

Kenneth Aafly <ke-aa@frisurf.no>

for adding support for Typhoon DVB-S budget card

Ernst Peinlich <e.peinlich@inode.at>

for tuning/DiSEqC support for the DEC 3000-s

Peter Beutner <p.beutner@gmx.net>

for the IR code for the ttusb-dec driver

Wilson Michaels <wilsonmichaels@earthlink.net>

for the lgd330x frontend driver, and various bugfixes

Michael Krufky <mkrufky@m1k.net>



for maintaining v4l/dvb inter-tree dependencies

Taylor Jacob <rtjacob@earthlink.net>  
for the nxt2002 frontend driver

Jean-Francois Thibert <jeanfrancois@sagetv.com>  
for the nxt2004 frontend driver

Kirk Lapray <kirk.lapray@gmail.com>  
for the or51211 and or51132 frontend drivers, and  
for merging the nxt2002 and nxt2004 modules into a  
single nxt200x frontend driver.

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/\* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

\* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

\* <http://www.hypermall.com/>

\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY

\* interrupts us (except possibly for removal/insertion of the cable?)

\* 10/4/97 - began heavy inline documentation of the code. Corrected typos

\* and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on

\* loss of link, and correctly re-enable PHY when link is

\* re-established. (put back CFG\_PHYIE)

\*

\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

\*

\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

\*

\* Linux driver for the IDT77201 NICStAR PCI ATM controller.

\* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

\* see init\_nicstar() for PHY initialization to change this. This driver

\* expects the Linux ATM stack to support scatter-gather lists

\* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

\*

\* Implementing minimal-copy of received data:

\* IDT always receives data into a small buffer, then large buffers

\* as needed. This means that data must always be copied to create

\* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

\* Fix is simple: make large buffers large enough to hold entire

\* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then

\* copy small buffer contents to head of large buffer.

\* Trick is to avoid fragmenting Linux, due to need for a lot of large

\* buffers. This is done by 2 things:

\* 1) skb->destructor / skb->atm.recycle\_buffer

\* combined, allow nicstar\_free\_rx\_skb to be called to

\* recycle large data buffers

\* 2) skb\_clone of received buffers

\* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation

\* details.

\*

\*

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\*  
\* M. Welsh, 6 July 1996  
\*  
\*  
\*/

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## 1.637 monotonic 1.4

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Scientific Computing Division

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R. Piessens, E. deDoncker-Kapenga, C. Uberhuber, D. Kahaner

Quadpack: a Subroutine Package for Automatic Integration

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Version 1.1

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## 1.657 react-drag-listview 0.1.4

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## 1.659 libglvnd 1.0.1 0.8.git5baa1e5.e17

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```
<!DOCTYPE html
 PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head>
 <link rel="stylesheet" type="text/css" href="styles.css" />
 <title>uthash: a hash table for C structures</title>
</head>
<body>

<div id="banner">

</div> <!-- banner -->

<div id="topnav">
uthash home >
BSD license
</div>

<hr />
<div id="mid">
 <div id="main">
<pre>
Copyright (c) 2005-2013, Troy D. Hanson http://troydhanson.github.com/uthash/
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```

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```
</pre>
</div> <!-- mid -->
</div> <!-- main -->

<hr />
<div id="footer">
</div> <!-- footer -->

</body>

</html>
```

# 1.660 efivar 36 12.e17

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If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

## 1.665 pycryptodomex 3.4.7

### 1.665.1 Available under license :

Copyright and licensing of the Python Cryptography Toolkit ("PyCrypto"):

~~~~~

Previously, the copyright and/or licensing status of the Python Cryptography Toolkit ("PyCrypto") had been somewhat ambiguous. The original intention of Andrew M. Kuchling and other contributors has been to dedicate PyCrypto to the public domain, but that intention was not necessarily made clear in the original disclaimer (see [LEGAL/copy/LICENSE.orig](#)).

Additionally, some files within PyCrypto had specified their own licenses that differed from the PyCrypto license itself. For example, the original RIPEMD.c module simply had a copyright statement and warranty disclaimer, without clearly specifying any license terms. (An updated version on the author's website came with a license that contained a GPL-incompatible advertising clause.)

To rectify this situation for PyCrypto 2.1, the following steps have been taken:

1. Obtaining explicit permission from the original contributors to dedicate their contributions to the public domain if they have not already done so. (See the "LEGAL/copy/stmts" directory for contributors' statements.)
2. Replacing some modules with clearly-licensed code from other sources (e.g. the DES and DES3 modules were replaced with new ones based on Tom St. Denis's public-domain LibTomCrypt library.)
3. Replacing some modules with code written from scratch (e.g. the RIPEMD and Blowfish modules were re-implemented from their respective algorithm specifications without reference to the old implementations).
4. Removing some modules altogether without replacing them.

To the best of our knowledge, with the exceptions noted below or within the files themselves, the files that constitute PyCrypto are in the public domain. Most are distributed with the following notice:

The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone is granted a worldwide, perpetual, royalty-free, non-exclusive license to exercise all rights associated with the contents of this file for any purpose whatsoever.  
No rights are reserved.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

#### EXPORT RESTRICTIONS:

Note that the export or re-export of cryptographic software and/or source code may be subject to regulation in your jurisdiction.

Date: Sun, 23 Nov 2008 15:54:35 -0800

From: Wim Lewis <wiml@hnhh.org>

Subject: Re: PyCrypto license clarification

To: "Dwayne C. Litzenger" <dlitz@dlitz.net>

Cc: Wim Lewis <wiml@hnhh.org>

Message-Id: <9D5C3135-7414-47D7-9D41-0AC6C3A84D97@hxxx.org>

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

On November 23, 2008, you wrote:

>Hi Wim,

>

>I am the new maintainer of the Python Cryptography Toolkit, and I am

>working on a new release at <http://www.pycrypto.org/>.

>

>I understand that you have made contributions to PyCrypto. May I, on

>your behalf, dedicate to the public domain all your contributions to

>PyCrypto, with the following notice?

>

> =====  
> The contents of this file are dedicated to the public domain. To the  
> extent that dedication to the public domain is not available, everyone  
> is granted a worldwide, perpetual, royalty-free, non-exclusive license  
> to exercise all rights associated with the contents of this file for  
> any purpose whatsoever. No rights are reserved.  
> =====

Certainly! I think the only code of mine in PyCrypto is the CAST-5 / CAST-128 implementation, which already has a public-domain notice at the top of the file. But I am happy to have that, any any other code of mine that might have wandered in there under an unclear open sourcish license, distributed under the public-domain dedication you quote.

Wim.

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.6 (Darwin)

iQCVAwUBSSnnA18UnN8n93LBAQLp/gQAhr7x8Av1mstc2kxEJDWTm26PTAZxMz4B  
FektbDOzkxgc5580MGGeX/MVn8aw+1BHg0YD85gsntIDzkcQtb+BR/xAvJ5zKyA  
J/Mn/I+I6ekJQ3juh8IPHLAduOXM9Rtguas/yR+Doaq0xOPKobx+/5+t1LJtBcZ  
wrPEa9Oui9s=  
=zSY9

-----END PGP SIGNATURE-----

From dlitz@dlitz.net Sun Aug 2 21:48:25 2009

Date: Sun, 2 Aug 2009 21:48:25 -0400

From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>

To: Paul Swartz <paulswartz@gmail.com>

Subject: PyCrypto license clarification

Message-ID: <20090803014825.GA1326@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Disposition: inline  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 2631

Hi Paul,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

=====  
Distribute and use freely; there are no restrictions on further dissemination and usage except those imposed by the laws of your country of residence. This software is provided "as is" without warranty of fitness for use or suitability for any purpose, express or implied. Use at your own risk or not at all.  
=====

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, Barry Warsaw, Wim Lewis, Jeethu Rao, Joris Bontje, and Mark Moraes, and they have all approved the following dedication for their contributions.

I understand that you have made contributions to PyCrypto, under nickname "z3p" and/or other names. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

=====  
The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone is granted a worldwide, perpetual, royalty-free, non-exclusive license



to exercise all rights associated with the contents of this file for  
any purpose whatsoever. No rights are reserved.

-----  
Regards,  
- Dwayne

--

Dwayne C. Litzenberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From paulswartz@gmail.com Mon Aug 3 12:14:07 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <paulswartz@gmail.com>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 30B9D984FC4

for <dwon@rivest.dlitz.net>; Mon, 3 Aug 2009 12:14:07 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id AD9AE81068

for <dwon@rivest.dlitz.net>; Mon, 3 Aug 2009 10:14:06 -0600 (CST)

Received: (vmailmgr-postfix 32055 invoked by uid 1003); 3 Aug 2009 10:14:06 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: pass (gmail.com ... \_spf.google.com: 72.14.220.159 is authorized to use 'paulswartz@gmail.com' in 'mfrom' identity (mechanism 'ip4:72.14.192.0/18' matched)) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="paulswartz@gmail.com"; helo=fg-out-1718.google.com; client-ip=72.14.220.159

Received: from fg-out-1718.google.com (fg-out-1718.google.com [72.14.220.159])

by goedel.dlitz.net (Postfix) with ESMTP id 4E63881066

for <dlitz@dlitz.net>; Mon, 3 Aug 2009 10:14:05 -0600 (CST)

Received: by fg-out-1718.google.com with SMTP id d23so1076840fga.3

for <dlitz@dlitz.net>; Mon, 03 Aug 2009 09:14:04 -0700 (PDT)

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;

d=gmail.com; s=gamma;

h=domainkey-signature:mime-version:received:in-reply-to:references

:from:date:message-id:subject:to:content-type

:content-transfer-encoding;

bh=A0RHBf0TnribKS5qOHJ3WYbkZ+b0cuPeuoKAypApWcc=;

b=gyTqkRhKIHadFKIZCBWsRbnMNVdQlPWlJbyC0EvxPskaoHr3HAR96MWQNBePu/40Ac

Vn55qllqTdom4e9zIUee6MwZo9kqi/Qw0L/SLib0DIQeNqo/eHYqPmuVswltaYwNAyMJ

Y9++76rPGzqYdALsfvsmwv7Q3/bEmjVTr0tQE=

DomainKey-Signature: a=rsa-sha1; c=noFWS;

d=gmail.com; s=gamma;

h=mime-version:in-reply-to:references:from:date:message-id:subject:to

:content-type:content-transfer-encoding;

b=jze7KSMkUGilfVCXKXaaXMi5NAtGdMQOtVZZfRNyGSy68xOd2sxefjyyig3EFT6Nv6

Q3opUMsT96Q6zjZND55w446kTh2uBTNz4d3NwIeEWJnG3xcliRQu/mXPfP8AzPI3CefL

1ornJLM1eQ2XyuZA73jem+SJtfdHUcSD1UhgI=



-P  
--=20  
Paul Swartz  
paulswartz at gmail dot com  
<http://paulswartz.net/>  
AIM: z3penguin

From dlitz@dlitz.net Mon Aug 3 14:35:01 2009  
Date: Mon, 3 Aug 2009 14:35:01 -0400  
From: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
To: Paul Swartz <paulswartz@gmail.com>  
Subject: Re: PyCrypto license clarification  
Message-ID: <20090803183501.GA17472@rivest.dlitz.net>  
References: <20090803014825.GA1326@rivest.dlitz.net>  
<324cfb540908030913x71d331f0kb069052f74e5ae6b@mail.gmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1; format=flowed  
Content-Disposition: inline  
Content-Transfer-Encoding: 8bit  
In-Reply-To: <324cfb540908030913x71d331f0kb069052f74e5ae6b@mail.gmail.com>  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: <http://www.dlitz.net/>  
X-OpenPGP: url=<http://www.dlitz.net/go/gpgkey/>;  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=<http://www.dlitz.net/go/gpgkey/>;  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 1250

On Mon, Aug 03, 2009 at 12:13:43PM -0400, Paul Swartz wrote:  
>On Sun, Aug 2, 2009 at 9:48 PM, Dwayne C. Litzenger<dlitz@dlitz.net> wrote:  
>> Hi Paul,  
>>  
>> I am the new maintainer of the Python Cryptography Toolkit, and I am  
>> working on a new release at <http://www.pycrypto.org/>.  
>  
>That's great!  
>  
>> I understand that you have made contributions to PyCrypto, under nickname  
>> "z3p" and/or other names. May I, on your behalf, dedicate to the public  
>> domain all your contributions to PyCrypto, with the following notice?  
>>  
>> =====  
>> The contents of this file are dedicated to the public domain. To the

>> extent that dedication to the public domain is not available, everyone  
>> is granted a worldwide, perpetual, royalty-free, non-exclusive license  
>> to exercise all rights associated with the contents of this file for  
>> any purpose whatsoever. No rights are reserved.

>> =====

>

>Yes, that's fine. Good luck with the new release!

Perfect! Thanks for the quick response!

--

Dwayne C. Litzengerger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From dlitz@dlitz.net Wed Aug 27 20:54:38 EDT 2008

X-Maildir-Dup-Checked: Yes

Return-Path: <dlitz@dlitz.net>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id ECFDFC6641D

for <dwon@rivest.dlitz.net>; Wed, 27 Aug 2008 20:45:06 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 99A9D100AA

for <dwon@rivest.dlitz.net>; Wed, 27 Aug 2008 18:45:05 -0600 (CST)

Received: (vmmailmgr-postfix 3270 invoked by uid 1003); 27 Aug 2008 18:45:05 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: pass (goedel.dlitz.net: domain of dlitz@dlitz.net designates 193.201.42.13 as permitted sender)

Received: from m14.itconsult.net (m14.itconsult.net [193.201.42.13])

by goedel.dlitz.net (Postfix) with ESMTP id 1D3B510088

for <dlitz@dlitz.net>; Wed, 27 Aug 2008 18:45:04 -0600 (CST)

Received: from stamper.itconsult.co.uk (stamper.itconsult.co.uk

[193.201.42.31]) by m14.stamper.itconsult.co.uk (GMS

15.01.3664/NT8923.00.54dca388) with SMTP id jfxsjqaa for dlitz@dlitz.net;

Thu, 28 Aug 2008 01:45:02 +0100

To: crypt@bis.doc.gov,

enc@nsa.gov,

web\_site@bis.doc.gov,

pycrypto@lists.dlitz.net,

PYTHON-CRYPTO@NIC.SURFNET.NL,

dlitz@dlitz.net

Received-SPF: Pass (m14.stamper.itconsult.co.uk: domain of dlitz@dlitz.net

designates 64.5.53.201 as permitted sender) identity=mailfrom;

client-ip=64.5.53.201; receiver=m14.stamper.itconsult.co.uk;

helo=goedel.dlitz.net; mechanism=-all; envelope-from=dlitz@dlitz.net;

Received: from goedel.dlitz.net (goedel.dlitz.net [64.5.53.201]) by

m14.stamper.itconsult.co.uk (GMS 15.01.3664/NT8923.00.54dca388) with ESMTP id

taxsjqaa for post@stamper.itconsult.co.uk; Thu, 28 Aug 2008 01:42:58 +0100

Received: from rivest.dlitz.net (rivest.dlitz.net [IPv6:2002:4c0a:9133:1104::1])

by goedel.dlitz.net (Postfix) with ESMTP id 667C7100B1  
for <post@stamper.itconsult.co.uk>; Wed, 27 Aug 2008 18:42:56 -0600 (CST)  
Received: by rivest.dlitz.net (Postfix, from userid 1000)  
id B92F8C66420; Wed, 27 Aug 2008 20:42:55 -0400 (EDT)  
Received: by rivest.dlitz.net (tmدا-sendmail, from uid 1000);  
Wed, 27 Aug 2008 20:42:54 -0400  
Date: Wed, 27 Aug 2008 20:42:54 -0400  
Cc: post@stamper.itconsult.co.uk  
Subject: PyCrypto TSU NOTIFICATION  
Message-ID: <20080828004254.GA31214@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/;  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/;  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
X-Delivery-Agent: TMDA/1.1.9 (Jura)  
From: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
X-DNSBL: 0  
Status: O  
Content-Length: 2182  
Lines: 65

-----BEGIN PGP SIGNED MESSAGE-----

#####

#

# This is a proof of posting certificate from  
# stamper.itconsult.co.uk certifying that a user  
# claiming to be:-

# dlitz@dlitz.net

# requested that this message be sent to:-

# crypt@bis.doc.gov

# enc@nsa.gov

# web\_site@bis.doc.gov

# pycrypto@lists.dlitz.net

# PYTHON-CRYPTO@NIC.SURFNET.NL

# dlitz@dlitz.net

#

# This certificate was issued at 00:45 (GMT)

# on Thursday 28 August 2008 with reference 0520978

#

# CAUTION: while the message may well be from the sender  
# indicated in the "From:" header, the sender  
# has NOT been authenticated by this service  
#  
# For information about the Stamper service see  
# <http://www.itconsult.co.uk/stamper.htm>  
#  
#####

SUBMISSION TYPE: TSU  
SUBMITTED BY: Dwayne C. Litzenberger  
SUBMITTED FOR: Dwayne C. Litzenberger  
POINT OF CONTACT: Dwayne C. Litzenberger  
PHONE and/or FAX: +1-613-693-1296  
MANUFACTURER: n/a  
PRODUCT NAME/MODEL #: The Python Cryptography Toolkit ("PyCrypto")  
ECCN: 5D002

NOTIFICATION: <http://www.pycrypto.org/>

Note: I am a Canadian citizen posting software to my website located in Canada. I am not certain whether PyCrypto contains enough US-origin cryptography to be covered by U.S. export controls, but I am submitting this anyway.

(Sorry for spamming the lists, but I want there to be a record of this.)

- - -

Dwayne C. Litzenberger <[dlitz@dlitz.net](mailto:dlitz@dlitz.net)>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45

-----BEGIN PGP SIGNATURE-----

Version: 2.6.3i

Charset: noconv

Comment: Stamper Reference Id: 0520978

iQEVAgUBSLX1DYGVnbVwth+BAQEcuwf9EWnXLqSO5bPzR9K9QnTPcsKbTljKjPxr  
d+q0E7eE8VtnvviUcTAR9o27yvzOPxdFT864MQA7OTSbPK39aGAgA4fgAgvYH9t  
UNjJ/kv8QLz/2fi/HNjyrwnqFnUI0uqwpOrQGbz8Y+SGpVh1gKqy1Ju45L+doq  
sxbzCOpjgRv2zDdNR/2SnFmDWQXv8dSeonwIHpQDft8/LVA/gHiTDmteQIOhJQ6o  
XYhY+HbRjsD741/GSpOt9IIN5ln0UgshFoLIndnNSAvWf4aPyh5KCN7ho+/BC0v/  
W/pqSSIPkwmbhlPHoOltTkNc0qKLAHXqMGJNhO8AkrYZOyJksb0HsA==  
=3oIX

-----END PGP SIGNATURE-----

00INDEX - This file

tsu-notify.mbox - Notification sent per U.S. export regulations

copy/ - Copyright info & public-domain dedications  
From dlitz@dlitz.net Sat Feb 28 21:45:09 2009  
Date: Sat, 28 Feb 2009 21:45:09 -0500  
From: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
To: Barry A Warsaw <barry@python.org>  
Subject: PyCrypto license clarification  
Message-ID: <20090301024509.GA13195@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 2535

Hi Barry,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

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```
=====
Distribute and use freely; there are no restrictions on further
dissemination and usage except those imposed by the laws of your
country of residence. This software is provided "as is" without
warranty of fitness for use or suitability for any purpose, express
or implied. Use at your own risk or not at all.
=====
```

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, and Wim Lewis, and they have all approved the following dedication for their contributions.

I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

=====  
The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone is granted a worldwide, perpetual, royalty-free, non-exclusive license to exercise all rights associated with the contents of this file for any purpose whatsoever. No rights are reserved.  
=====

Regards,  
- Dwayne

--

Dwayne C. Litzenger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From barry@python.org Mon Mar 2 11:29:39 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <barry@python.org>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 6E01AC6640B

for <dwon@rivest.dlitz.net>; Mon, 2 Mar 2009 11:29:39 -0500 (EST)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 0644E1007A

for <dwon@rivest.dlitz.net>; Mon, 2 Mar 2009 10:29:39 -0600 (CST)

Received: (vmmailmgr-postfix 8668 invoked by uid 1003); 2 Mar 2009 10:29:39 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: none (python.org: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="barry@python.org"; helo=mail.wooz.org; client-ip=216.15.33.230

Received: from mail.wooz.org (216-15-33-230.c3-0.slv-ubr2.lnh-slv.md.static.cable.rcn.com [216.15.33.230])

by goedel.dlitz.net (Postfix) with ESMTP id CCEA110073

for <dlitz@dlitz.net>; Mon, 2 Mar 2009 10:29:38 -0600 (CST)

Received: from snowdog.wooz.org (snowdog.wooz.org [192.168.11.202])

by mail.wooz.org (Postfix) with ESMTPSA id ACE30E3C9F

for <dlitz@dlitz.net>; Mon, 2 Mar 2009 11:29:35 -0500 (EST)

Message-Id: <09BF1A39-B015-4820-97A3-8642490C8254@python.org>

From: Barry Warsaw <barry@python.org>

To: Dwayne C. Litzenger <dlitz@dlitz.net>

In-Reply-To: <20090301024509.GA13195@rivest.dlitz.net>

Content-Type: text/plain; charset=US-ASCII; format=flowed; delp=yes

Content-Transfer-Encoding: quoted-printable

Mime-Version: 1.0 (Apple Message framework v930.3)

Subject: Re: PyCrypto license clarification



Date: Mon, 2 Mar 2009 11:29:34 -0500  
References: <20090301024509.GA13195@rivest.dlitz.net>  
X-Pgp-Agent: GPGMail d55 (v55, Leopard)  
X-Mailer: Apple Mail (2.930.3)  
Status: RO  
Content-Length: 869

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

On Feb 28, 2009, at 9:45 PM, Dwayne C. Litzenberger wrote:

> I am the new maintainer of the Python Cryptography Toolkit, and I am =20=  
> working on a new release at <http://www.pycrypto.org/>.

Great! I'm glad to see someone taking up the mantle of this important =20=

Python library.

> I understand that you have made contributions to PyCrypto. May I, =20  
> on your behalf, dedicate to the public domain all your contributions =20=  
> to PyCrypto, with the following notice?

Absolutely yes.

Cheers,  
Barry

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.9 (Darwin)

iQCVAwUBSawJbnEjvBPtnXfVAQLZjgP/ecG+JdZwNvPJRfsa6rhY6+MHLdHI6agk  
evkInSJQAcVHIZnVIVeR5IXgvDUMakZjU4SOV7MqkhsKA9Ilet7PaD9VSYgn3ra5  
gElwI2DQDoOy5GExMMm74gqrrb1PCCbCRmpaYNo+DZohwHkeFBjwDRA3wItOrH7  
SK4w9VBJtfY=3D  
=3DQduY

-----END PGP SIGNATURE-----

From dlitz@dlitz.net Mon May 4 22:49:14 2009  
Date: Mon, 4 May 2009 22:49:14 -0400  
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
To: Joris Bontje <joris@bontje.nl>  
Subject: PyCrypto license clarification  
Message-ID: <20090505024914.GA9219@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline

User-Agent: Mutt/1.5.16 (2007-06-11)

Status: RO

Content-Length: 2553

Hi Joris,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

```
=====
Distribute and use freely; there are no restrictions on further
dissemination and usage except those imposed by the laws of your
country of residence. This software is provided "as is" without
warranty of fitness for use or suitability for any purpose, express
or implied. Use at your own risk or not at all.
=====
```

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, Barry Warsaw, Wim Lewis, Jeethu Rao, and Mark Moraes, and they have all approved the following dedication for their contributions.

I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

```
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The contents of this file are dedicated to the public domain. To the
extent that dedication to the public domain is not available, everyone
is granted a worldwide, perpetual, royalty-free, non-exclusive license
to exercise all rights associated with the contents of this file for
any purpose whatsoever. No rights are reserved.
=====
```

-----  
Regards,  
- Dwayne

--

Dwayne C. Litzenberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From joris@bontje.nl Tue May 5 03:08:32 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <joris@bontje.nl>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 7AA4B9E5078

for <dwon@rivest.dlitz.net>; Tue, 5 May 2009 03:08:32 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 2315B40583

for <dwon@rivest.dlitz.net>; Tue, 5 May 2009 01:08:32 -0600 (CST)

Received: (vmmailmgr-postfix 16890 invoked by uid 1003); 5 May 2009 01:08:32 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: none (bontje.nl: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="joris@bontje.nl"; helo=smtp6.versatel.nl; client-ip=62.58.50.97

Received: from smtp6.versatel.nl (smtp6.versatel.nl [62.58.50.97])

by goedel.dlitz.net (Postfix) with ESMTP id 2D76A4052C

for <dlitz@dlitz.net>; Tue, 5 May 2009 01:08:30 -0600 (CST)

Received: (qmail 4224 invoked by uid 0); 5 May 2009 07:08:25 -0000

Received: from qmail06.zonnet.nl (HELO dell062.admin.zonnet.nl) ([10.170.1.123])

(envelope-sender <joris@bontje.nl>)

by 10.170.1.96 (qmail-ldap-1.03) with SMTP

for <>; 5 May 2009 07:08:25 -0000

Received: by dell062.admin.zonnet.nl (Postfix, from userid 33)

id 9BE9B15759B; Tue, 5 May 2009 09:08:25 +0200 (CEST)

Received: from firewall66.interaccess.nl (firewall66.interaccess.nl

[193.173.35.66]) by www.webmail.vuurwerk.nl (Horde MIME library) with HTTP;

Tue, 05 May 2009 09:08:25 +0200

Message-ID: <20090505090825.gsq1ps7hg08wwwok@www.webmail.vuurwerk.nl>

Date: Tue, 05 May 2009 09:08:25 +0200

From: joris@bontje.nl

To: "Dwayne C. Litzenberger" <dlitz@dlitz.net>

Subject: Re: PyCrypto license clarification

References: <20090505024914.GA9219@rivest.dlitz.net>

In-Reply-To: <20090505024914.GA9219@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset=ISO-8859-1;

format="flowed"

Content-Disposition: inline  
Content-Transfer-Encoding: 7bit  
User-Agent: Internet Messaging Program (IMP) H3 (4.1.3)  
Status: RO  
X-Status: A  
Content-Length: 3488

Hi Dwayne,

Thanks for taking over the PyCrypto library and putting in the required effort to keep this going.

I was very excited to read that it is now one of the installed libraries for Google AppsEngine!

You have my full permission to dedicate all my contributions to PyCrypto to the public domain with your suggested notice:

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> =====

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>  
> Regards,  
> - Dwayne  
>  
> --  
> Dwayne C. Litzengerger <dlitz@dlitz.net>  
> Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From dlitz@dlitz.net Tue May 5 17:53:47 2009  
Date: Tue, 5 May 2009 17:53:47 -0400  
From: "Dwayne C. Litzengerger" <dlitz@dlitz.net>  
To: joris@bontje.nl  
Subject: Re: PyCrypto license clarification  
Message-ID: <20090505215347.GB9933@rivest.dlitz.net>  
References: <20090505024914.GA9219@rivest.dlitz.net>  
<20090505090825.gsq1ps7hg08wwwok@www.webmail.vuurwerk.nl>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline

In-Reply-To: <20090505090825.gsq1ps7hg08wwwok@www.webmail.vuurwerk.nl>  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 3863

Excellent! Thank you!

On Tue, May 05, 2009 at 09:08:25AM +0200, joris@bontje.nl wrote:

> Hi Dwayne,

>

> Thanks for taking over the PyCrypto library and putting in the required

> effort to keep this going.

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>> =====  
>>  
>> Regards,  
>> - Dwayne  
>>  
>> --  
>> Dwayne C. Litzenger <dlitz@dlitz.net>  
>> Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
>  
>  
  
--  
Dwayne C. Litzenger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45  
License

-----

.. include: ../../LICENSE.rst  
From dlitz@dlitz.net Sat Apr 18 09:14:20 2009  
Date: Sat, 18 Apr 2009 09:14:20 -0400  
From: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
To: Mark Moraes <moraes@computer.org>  
Subject: PyCrypto license clarification  
Message-ID: <20090418131419.GA14494@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 2635

Hi Mark,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

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```

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any purpose whatsoever. No rights are reserved.
=====
```

Regards,  
- Dwayne

--

Dwayne C. Litzberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From markmoraes@yahoo.com Mon Apr 20 19:25:37 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <markmoraes@yahoo.com>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 5D9AE984FDD

for <dwon@rivest.dlitz.net>; Mon, 20 Apr 2009 19:25:37 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id DE41F4025F

for <dwon@rivest.dlitz.net>; Mon, 20 Apr 2009 17:25:36 -0600 (CST)

Received: (vmmailgr-postfix 7604 invoked by uid 1003); 20 Apr 2009 17:25:36 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: none (yahoo.com: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="markmoraes@yahoo.com"; helo=web32405.mail.mud.yahoo.com; client-ip=68.142.207.198

Received: from web32405.mail.mud.yahoo.com (web32405.mail.mud.yahoo.com [68.142.207.198])

by goedel.dlitz.net (Postfix) with SMTP id B5EAF401EE

for <dlitz@dlitz.net>; Mon, 20 Apr 2009 17:25:36 -0600 (CST)

Received: (qmail 34697 invoked by uid 60001); 20 Apr 2009 23:25:33 -0000

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed; d=yahoo.com; s=s1024; t=1240269933;

bh=OvxqbYnCg7R6tUN3YmlgFURM3CuHh1JeHyXhDzkaThU=; h=Message-ID:X-YMail-OSG:Received:X-

Mailer:Date:From:Reply-To:Subject:To:MIME-Version:Content-Type;

b=F2h2bFzpQxyKFZ8BhenniyupGw4Zvlekb9BSk91qKU+51W/TkSGBij5YZIhkLQdkQk0qLz5f4g8dT6bOME3s

EY1j10hlx0K0u2UD0yoYTINBCmsdMQRoJ7ph9bmt+p/EJhRpe+FiV6aoLV0FONWiHfGDghPT1dulWXfVTqgB

2aU=

DomainKey-Signature:a=rsa-sha1;q=dns;c=noaws;

s=s1024;d=yahoo.com;

h=Message-ID:X-YMail-OSG:Received:X-Mailer:Date:From:Reply-To:Subject:To:MIME-Version:Content-Type;  
b=r6RShFF5VzQLg+9tcn1xKuo4Rs4IVvXF6fdqOpQrMyRCxeFoebhuTE35grGqlomOJLwM0+mZwRb6rGkDj7  
63caOAl08Ect/qlADW5izXfmVQaDchTbTqmpsJBmQnTQs9iZ+InrG+3UIwtUSGfX7fhEWmI9P/HBzxf9Wp4b3j  
eo=;

Message-ID: <551071.34569.qm@web32405.mail.mud.yahoo.com>

X-YMail-OSG:

FrK8aWMVM1mFJtLpMGbUbCLjbUQC.i.JkIAKUHSFsFn7t9PbtewAewXJ2uhZGCOIGCX6oVnG3u.CgqzAffY  
4vZSnfTT8wnCkzZNZ\_g6k.XUc3ipo\_6e.92TXl4p8MxDGAf1tpNF5nXPwcQ7aREs7jGoWWVJYVyp50clsUFS  
Hzf7Zbpa8P1Yoe\_xSzf3OAgRSh5fCrbFCC8sHPCuwrL3YhasbtHmkWffteSS.x6gEcBaxf03oz4FeDb5mpJ54g11X  
onq8h\_TmzX9g84Bin9g\_3fJ4WSXm6g6.tohLyfXcUxoz4j036wyWpTKPrWEzIUQaN83Sv\_bj\_Ghxw--

Received: from [69.124.140.74] by web32405.mail.mud.yahoo.com via HTTP; Mon, 20 Apr 2009 16:25:32 PDT

X-Mailer: YahooMailClassic/5.2.15 YahooMailWebService/0.7.289.1

Date: Mon, 20 Apr 2009 16:25:32 -0700 (PDT)

From: M Moraes <markmoraes@yahoo.com>

Reply-To: moraes@computer.org

Subject: Re: PyCrypto license clarification

To: "Dwayne C. Litzenberger" <dlitz@dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Status: RO

X-Status: A

Content-Length: 3222

Hi Dwayne.

Sure, the new license sounds fine for all my contributions to PyCrypto, and thanks for taking it on. My apologies for not responding to your previous e-mail.

Regards,

Mark.

--- On Sat, 4/18/09, Dwayne C. Litzenberger <dlitz@dlitz.net> wrote:

> From: Dwayne C. Litzenberger <dlitz@dlitz.net>

> Subject: PyCrypto license clarification

> To: "Mark Moraes" <moraes@computer.org>

> Date: Saturday, April 18, 2009, 9:14 AM

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>

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>

> --amk

>

>

> (www.amk.ca)

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> =====  
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> - Dwayne  
>  
> -- Dwayne C. Litzenger <dlitz@dlitz.net>  
> Key-signing key - 19E1  
> 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
>

From dlitz@dlitz.net Mon Apr 20 20:01:37 2009  
Date: Mon, 20 Apr 2009 20:01:37 -0400  
From: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
To: moraes@computer.org  
Subject: Re: PyCrypto license clarification  
Message-ID: <20090421000137.GA29012@rivest.dlitz.net>  
References: <551071.34569.qm@web32405.mail.mud.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
In-Reply-To: <551071.34569.qm@web32405.mail.mud.yahoo.com>  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);

preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 3677

Thanks a lot, and don't worry about not responding to previous emails. I do that too much myself. :)

On Mon, Apr 20, 2009 at 04:25:32PM -0700, M Moraes wrote:

>  
>Hi Dwayne.  
>  
>Sure, the new license sounds fine for all my contributions to PyCrypto, and thanks for taking it on. My apologies for not responding to your previous e-mail.

>  
>Regards,  
>Mark.

>  
>--- On Sat, 4/18/09, Dwayne C. Litzemberger <dlitz@dlitz.net> wrote:

>  
>> From: Dwayne C. Litzemberger <dlitz@dlitz.net>  
>> Subject: PyCrypto license clarification  
>> To: "Mark Moraes" <moraes@computer.org>  
>> Date: Saturday, April 18, 2009, 9:14 AM  
>> Hi Mark,

>>  
>> I am the new maintainer of the Python Cryptography Toolkit,  
>> and I am  
>> working on a new release at <http://www.pycrypto.org/>.

>>  
>> People often ask me what license PyCrypto is covered by, if  
>> it's  
>> GPL-compatible, etc. Right now, I'm not really sure  
>> what to tell them.  
>> The text in the current LICENSE file (quoted below) is not  
>> entirely clear  
>> on the point of whether distributing modified versions is  
>> allowed. (It  
>> says "distribute and use", but not "modify".)

>>  
>>

>> =====

>> Distribute and use freely; there are  
>> no restrictions on further  
>> dissemination and usage except those

>> imposed by the laws of your  
>> country of residence. This  
>> software is provided "as is" without  
>> warranty of fitness for use or  
>> suitability for any purpose, express  
>> or implied. Use at your own risk or  
>> not at all.  
>>  
>> =====  
>>  
>> Incorporating the code into commercial  
>> products is permitted; you do  
>> not have to make source available or  
>> contribute your changes back  
>> (though that would be nice).  
>>  
>> --amk  
>>  
>>  
>> (www.amk.ca)  
>>  
>> For the next PyCrypto release, I would like to take steps  
>> to move toward a  
>> clearer licensing regime. I am asking as many  
>> copyright holders as I can  
>> find if I can release PyCrypto under something clearer and  
>> more standard.  
>> Below, I have quoted a public domain dedication that was  
>> recommended in  
>> Intellectual Property and Open Source: A Practical Guide  
>> to Protecting  
>> Code\_, by Van Lindberg. I have already contacted A.  
>> M. Kuchling, Robey  
>> Pointer, Wim Lewis, Jeethu Rao, and Barry Warsaw, and they  
>> have all  
>> approved the following dedication for their contributions.  
>>  
>> I understand that you have made contributions to  
>> PyCrypto. May I, on your  
>> behalf, dedicate to the public domain all your  
>> contributions to PyCrypto,  
>> with the following notice?  
>>  
>>  
>> =====  
>> The contents of this file are  
>> dedicated to the public domain. To the  
>> extent that dedication to the public

>> domain is not available, everyone  
>> is granted a worldwide, perpetual,  
>> royalty-free, non-exclusive license  
>> to exercise all rights associated with  
>> the contents of this file for  
>> any purpose whatsoever. No  
>> rights are reserved.

>>

>> =====

>>

>> Regards,

>> - Dwayne

>>

>> -- Dwayne C. Litzenger <dlitz@dlitz.net>

>> Key-signing key - 19E1

>> 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

>>

>

--

Dwayne C. Litzenger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45

Date: Mon, 16 Feb 2009 12:58:00 -0800

From: Robey Pointer <robey@lag.net>

Subject: Re: PyCrypto license clarification

To: "Dwayne C. Litzenger" <dlitz@dlitz.net>

Received-SPF: pass (goedel.dlitz.net: domain of robey@lag.net designates 69.61.78.186 as permitted sender)

Message-Id: <F469A078-6305-4484-BEA8-F4EC38A4154F@lag.net>

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

On 23 Nov 2008, at 07:42, Dwayne C. Litzenger wrote:

> For the next PyCrypto release, I would like to take steps to move  
> toward a clearer licensing regime. I am asking as many copyright  
> holders as I can find if I can release PyCrypto under something  
> clearer and more standard. Below, I have quoted a public domain  
> dedication that was recommended in Intellectual Property and Open  
> Source: A Practical Guide to Protecting Code, by Van Lindberg. I  
> have already contacted A. M. Kuchling, and he has approved the  
> following dedication for his contributions.

>

> May I, on your behalf, dedicate to the public domain all your  
> contributions to PyCrypto, with the following notice?

>

>

```
> =
> =====
> The contents of this file are dedicated to the public domain. To
> the
> extent that dedication to the public domain is not available,
> everyone
> is granted a worldwide, perpetual, royalty-free, non-exclusive
> license
> to exercise all rights associated with the contents of this file
> for
> any purpose whatsoever. No rights are reserved.
>
> =
> =====
>
```

In case I haven't replied to this yet: Yes, this is fine with me.

robey

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.8 (Darwin)

iEYEARECAAYFAkmZ01gACgkQQQDkKvyJ6cOLvQCfQmYYuVODvIlyLg0hgCI9LAbQ  
SH8AoLJgaq1Ili7/ZYDc+/Cd8VO0xLbr  
=Mv6g

-----END PGP SIGNATURE-----

#### A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.



All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release from	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	no
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes

Footnotes:

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=====

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MPIR license

=====

When distributed as a Windows wheel, Pycryptodome bundles an unmodified, binary version of the MPIR library (<https://www.mpir.org>) which is licensed under the LGPLv3, a copy of which is available under Doc/mpir.

From dlitz@dlitz.net Sat Feb 28 23:24:14 2009

Date: Sat, 28 Feb 2009 23:24:14 -0500

From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>

To: Jeethu Rao <jeethurao@gmail.com>

Subject: PyCrypto license clarification

Message-ID: <20090301042414.GA15122@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Disposition: inline

User-Agent: Mutt/1.5.16 (2007-06-11)

Status: RO

Content-Length: 2513

Hi Jeethu,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

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=====  
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--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, and Wim Lewis, and they have all approved the following text for their contributions.

I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

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=====

Regards,  
- Dwayne

--

Dwayne C. Litzenger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From jeethurao@gmail.com Sun Mar 8 17:28:16 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <jeethurao@gmail.com>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id OCC83515D9

for <dwon@rivest.dlitz.net>; Sun, 8 Mar 2009 17:28:16 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 4E58F450CB



for <dwon@rivest.dlitz.net>; Sun, 8 Mar 2009 15:28:15 -0600 (CST)  
Received: (vmmailmgr-postfix 5011 invoked by uid 1003); 8 Mar 2009 15:28:15 -0600  
Delivered-To: m-dlitz-dlitz@dlitz.net  
Received-SPF: pass (gmail.com ... \_spf.google.com: 209.85.198.249 is authorized to use 'jeethurao@gmail.com' in 'mfrom' identity (mechanism 'ip4:209.85.128.0/17' matched)) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="jeethurao@gmail.com"; helo=rv-out-0708.google.com; client-ip=209.85.198.249  
Received: from rv-out-0708.google.com (unknown [209.85.198.249])  
by goedel.dlitz.net (Postfix) with ESMTP id 3C097449E7  
for <dlitz@dlitz.net>; Sun, 8 Mar 2009 15:28:12 -0600 (CST)  
Received: by rv-out-0708.google.com with SMTP id k29so1252333rvb.26  
for <dlitz@dlitz.net>; Sun, 08 Mar 2009 14:27:56 -0700 (PDT)  
DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;  
d=gmail.com; s=gamma;  
h=domainkey-signature:mime-version:received:in-reply-to:references  
:date:message-id:subject:from:to:content-type;  
bh=YWy9U32WCU/ksRqukHwaOZyJQBU4Yvt5mI20U6mI/g=;  
b=oMjI22IIxYiJKge2zNJW3rRiUi9LqFXmey5Wp0pLItuNF+X3duyfhopTuBAKw7MwVY  
B5E6VQuGVEyzBbNsctyVgq6DhQiQtouCLZymSViobmuDmKn5DtUKoxpDk0xCxQmHYaas  
L9/A6D3/J66kKrNBgX9mc0GPcZTviVFYkPR0Q=  
DomainKey-Signature: a=rsa-sha1; c=noaws;  
d=gmail.com; s=gamma;  
h=mime-version:in-reply-to:references:date:message-id:subject:from:to  
:content-type;  
b=Ym7CStuDEfJKay1AJyWZkZmJA1lnTcwCG6akBHAXLld8ht6PFcmIsffzZG8hJCIVJ8  
vljqcT+G6cywVTBw1pyGX7ECYzr0+vhGvgdpACGrS24zikHfpSSd5GFogzXaLVvGVH8p  
bqSHpfWKKtEP4gAQkiNeIq1GNtR2j8U3fnRyg=  
MIME-Version: 1.0  
Received: by 10.141.176.13 with SMTP id d13mr2656028rvp.231.1236547674677;  
Sun, 08 Mar 2009 14:27:54 -0700 (PDT)  
In-Reply-To: <20090301042414.GA15122@rivest.dlitz.net>  
References: <20090301042414.GA15122@rivest.dlitz.net>  
Date: Mon, 9 Mar 2009 02:57:54 +0530  
Message-ID: <e3c0ddba0903081427p3a7b1058g417dd8624df68d6d@mail.gmail.com>  
Subject: Re: PyCrypto license clarification  
From: Jeethu Rao <jeethurao@gmail.com>  
To: "Dwayne C. Litzberger" <dlitz@dlitz.net>  
Content-Type: multipart/alternative; boundary=000e0cd209d0e5a3d40464a23054  
Status: RO  
Content-Length: 7668  
  
--000e0cd209d0e5a3d40464a23054  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Dwayne, My contribution to pycrypto are very very minimal (The sha256 module, IIRC).  
I'd be fine with the public domain license for PyCrypto.

Jeethu Rao

PS: Apologies for the delay in my response.

I don't really check this email address all that often,  
please direct any further correspondence to [jeethu@jeethurao.com](mailto:jeethu@jeethurao.com)

On Sun, Mar 1, 2009 at 9:54 AM, Dwayne C. Litzenger <[dlitz@dlitz.net](mailto:dlitz@dlitz.net)>wrote:

> Hi Jeethu,

>

> I am the new maintainer of the Python Cryptography Toolkit, and I am  
> working on a new release at <http://www.pycrypto.org/>.

>

> People often ask me what license PyCrypto is covered by, if it's  
> GPL-compatible, etc. Right now, I'm not really sure what to tell them. The  
> text in the current LICENSE file (quoted below) is not entirely clear on the  
> point of whether distributing modified versions is allowed. (It says  
> "distribute and use", but not "modify".)

>

> =====

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> dissemination and usage except those imposed by the laws of your  
> country of residence. This software is provided "as is" without  
> warranty of fitness for use or suitability for any purpose, express  
> or implied. Use at your own risk or not at all.

> =====

>

> Incorporating the code into commercial products is permitted; you do  
> not have to make source available or contribute your changes back  
> (though that would be nice).

>

> --amk (www.amk.ca)

>

> For the next PyCrypto release, I would like to take steps to move toward a  
> clearer licensing regime. I am asking as many copyright holders as I can  
> find if I can release PyCrypto under something clearer and more standard.  
> Below, I have quoted a public domain dedication that was recommended in  
> Intellectual Property and Open Source: A Practical Guide to Protecting  
> Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey  
> Pointer, and Wim Lewis, and they have all approved the following text for  
> their contributions.

>

> I understand that you have made contributions to PyCrypto. May I, on your  
> behalf, dedicate to the public domain all your contributions to PyCrypto,  
> with the following notice?

>

> =====

> The contents of this file are dedicated to the public domain. To the  
> extent that dedication to the public domain is not available, everyone

> is granted a worldwide, perpetual, royalty-free, non-exclusive license  
> to exercise all rights associated with the contents of this file for  
> any purpose whatsoever. No rights are reserved.  
> =====  
>  
> Regards,  
> - Dwayne  
>  
> --  
> Dwayne C. Litzenger <dlitz@dlitz.net>  
> Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
>

--  
Jeethu Rao

--000e0cd209d0e5a3d40464a23054  
Content-Type: text/html; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

Hi Dwayne, My contribution to pycrypto are very very minimal (The sha256 module, IIRC). I'd be fine with the public domain license for PyCrypto.  
Jeethu Rao  
PS: Apologies for the delay in my response.  
I don't really check this email address all that often, please direct any further correspondence to <a href="mailto:jeethu@jeethu-rao.com">jeethu@jeethu-rao.com</a>  
On Sun, Mar 1, 2009 at 9:54 AM, Dwayne C. Litzenger <span dir="ltr"><a href="mailto:dlitz@dlitz.net">dlitz@dlitz.net</a></span> wrote:  
  
Hi Jeethu,  
  
I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <a href="http://www.pycrypto.org/" target="\_blank">http://www.pycrypto.org/</a>.  
  
People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

<br>  
=====



-- <br>  
Dwayne C. Litzenberger <<a href="mailto:dlitz@dlitz.net" target="\_blank">dlitz@dlitz.net</a>><br>  
=A0 =A0 =A0Key-signing key =A0 - 19E1 1FE8 B3CF F273 ED17 =A04A24 928C EC1=  
3 39C2 5CF7<br>  
</font></blockquote></div><br><br clear="all"><br>-- <br>Jeethu Rao<br>  
</div></div>

--000e0cd209d0e5a3d40464a23054--  
From dlitz@dlitz.net Sun Nov 23 00:17:22 2008  
Date: Sun, 23 Nov 2008 00:17:22 -0500  
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
To: "A. M. Kuchling" <amk@amk.ca>  
Subject: PyCrypto license clarification  
Message-ID: <20081123051722.GA29253@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: multipart/signed; micalg=pgp-sha1;  
protocol="application/pgp-signature"; boundary="YiEDa0DAkWCtVeE4"  
Content-Disposition: inline  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
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Lines: 78

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Content-Disposition: inline  
Content-Transfer-Encoding: quoted-printable

Hi Andrew,

People often ask me what license PyCrypto is covered by, if it's=20  
GPL-compatible, etc. Right now, I'm not really sure what to tell them. =20  
The text in the current LICENSE file (quoted below) is not entirely clear=  
=20  
on the point of whether distributing modified versions is allowed. (It=20  
says "distribute and use", but not "modify".)

=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=



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Content-Description: Digital signature  
Content-Disposition: inline

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.5 (GNU/Linux)

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yloAn33a3ZjkteyJaTbzEqImOEW8JGpf  
=aBEW  
-----END PGP SIGNATURE-----

--YiEDa0DAkWCtVeE4--

From amk@amk.ca Sun Nov 23 07:51:59 2008  
X-Maildir-Dup-Checked: Yes  
Return-Path: <amk@amk.ca>  
X-Original-To: dwon@rivest.dlitz.net  
Delivered-To: dwon@rivest.dlitz.net  
Received: from goedel.dlitz.net (unknown [10.159.255.6])  
by rivest.dlitz.net (Postfix) with ESMTP id 5C2C75047D  
for <dwon@rivest.dlitz.net>; Sun, 23 Nov 2008 07:51:59 -0500 (EST)  
Received: from localhost (localhost [127.0.0.1])  
by goedel.dlitz.net (Postfix) with QMQP id D632D10111  
for <dwon@rivest.dlitz.net>; Sun, 23 Nov 2008 06:51:58 -0600 (CST)  
Received: (vmmailmgr-postfix 12026 invoked by uid 1003); 23 Nov 2008 06:51:58 -0600  
Delivered-To: m-dlitz-dlitz@dlitz.net  
Received-SPF: none (goedel.dlitz.net: domain of amk@amk.ca does not designate permitted sender hosts)  
Received: from mail5.sea5.speakeasy.net (mail5.sea5.speakeasy.net [69.17.117.7])  
by goedel.dlitz.net (Postfix) with ESMTP id 97DC710105  
for <dlitz@dlitz.net>; Sun, 23 Nov 2008 06:51:58 -0600 (CST)  
Received: (qmail 3992 invoked from network); 23 Nov 2008 12:51:52 -0000  
Received: from dsl092-163-165.wdc2.dsl.speakeasy.net (HELO localhost) (akuchling@[66.92.163.165])  
(envelope-sender <amk@amk.ca>)  
by mail5.sea5.speakeasy.net (qmail-ldap-1.03) with AES256-SHA encrypted SMTP  
for <dlitz@dlitz.net>; 23 Nov 2008 12:51:52 -0000  
Date: Sun, 23 Nov 2008 07:51:34 -0500  
From: "A.M. Kuchling" <amk@amk.ca>  
To: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
Subject: Re: PyCrypto license clarification  
Message-ID: <20081123125134.GA21239@amk.local>  
Reply-To: amk@amk.ca  
References: <20081123051722.GA29253@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline  
In-Reply-To: <20081123051722.GA29253@rivest.dlitz.net>

User-Agent: Mutt/1.5.13 (2006-08-11)

Status: RO

Content-Length: 537

Lines: 15

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- > GPL-compatible, etc. Right now, I'm not really sure what to tell them.
- > The text in the current LICENSE file (quoted below) is not entirely clear
- > on the point of whether distributing modified versions is allowed. (It
- > says "distribute and use", but not "modify".)

The intention is that it be public domain.

- > May I, on your behalf, dedicate to the public domain your considerable
- > contributions to PyCrypto, with the following notice?

You may.

--amk

00INDEX This file

LICENSE.orig Original (deprecated) license for the Python Cryptography Toolkit

LICENSE.libtom LICENSE file from LibTomCrypt

stmts/ Statements by contributors

# 1.666 passwd 0.14 7.e17

## 1.666.1 Available under license :

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Version 2.1, February 1999

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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```
<one line to give the library's name and a brief idea of what it does.>
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```

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Ty Coon, President of Vice

That's all there is to it!

# 1.667 diffutils 3.3 5.e17

## 1.667.1 Available under license :

From RPM File Metadata:GPLv3+

/\* diff - compare files line by line

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You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>. \*/

```
#define GDIFF_MAIN
#include "diff.h"
#include <assert.h>
#include "paths.h"
#include <c-stack.h>
#include <dirname.h>
#include <error.h>
#include <exclude.h>
#include <exitfail.h>
#include <filenamecat.h>
#include <file-type.h>
#include <fnmatch.h>
#include <getopt.h>
#include <hard-locale.h>
```

```

#include <prepargs.h>
#include <progrname.h>
#include <sh-quote.h>
#include <stat-time.h>
#include <timespec.h>
#include <version-etc.h>
#include <xalloc.h>
#include <xreadlink.h>
#include <binary-io.h>

/* The official name of this program (e.g., no 'g' prefix). */
#define PROGRAM_NAME "diff"

#define AUTHORS \
proper_name ("Paul Eggert"), \
proper_name ("Mike Haertel"), \
proper_name ("David Hayes"), \
proper_name ("Richard Stallman"), \
proper_name ("Len Tower")

#ifndef GUTTER_WIDTH_MINIMUM
define GUTTER_WIDTH_MINIMUM 3
#endif

struct regexp_list
{
char *regexps; /* chars representing disjunction of the regexps */
size_t len; /* chars used in 'regexps' */
size_t size; /* size malloc'ed for 'regexps'; 0 if not malloc'ed */
bool multiple_regexps; /* Does 'regexps' represent a disjunction? */
struct re_pattern_buffer *buf;
};

static int compare_files (struct comparison const *, char const *, char const *);
static void add_regexp (struct regexp_list *, char const *);
static void summarize_regexp_list (struct regexp_list *);
static void specify_style (enum output_style);
static void specify_value (char const **, char const *, char const *);
static void try_help (char const *, char const *) __attribute__((noreturn));
static void check_stdout (void);
static void usage (void);

/* If comparing directories, compare their common subdirectories
recursively. */
static bool recursive;

/* In context diffs, show previous lines that match these regexps. */
static struct regexp_list function_regexp_list;

```

```

/* Ignore changes affecting only lines that match these regexps. */
static struct regexp_list ignore_regexp_list;

#if O_BINARY
/* Use binary I/O when reading and writing data (--binary).
 On POSIX hosts, this has no effect. */
static bool binary;
#else
enum { binary = true };
#endif

/* If one file is missing, treat it as present but empty (-N). */
static bool new_file;

/* If the first file is missing, treat it as present but empty
 (--unidirectional-new-file). */
static bool unidirectional_new_file;

/* Report files compared that are the same (-s).
 Normally nothing is output when that happens. */
static bool report_identical_files;

static char const shortopts[] =
"0123456789abBcC:dD:eEfF:hHiI:lL:nNpPqrsS:tTuU:vwW:x:X:yZ";

/* Values for long options that do not have single-letter equivalents. */
enum
{
 BINARY_OPTION = CHAR_MAX + 1,
 FROM_FILE_OPTION,
 HELP_OPTION,
 HORIZON_LINES_OPTION,
 IGNORE_FILE_NAME_CASE_OPTION,
 INHIBIT_HUNK_MERGE_OPTION,
 LEFT_COLUMN_OPTION,
 LINE_FORMAT_OPTION,
 NO_DEREFERENCE_OPTION,
 NO_IGNORE_FILE_NAME_CASE_OPTION,
 NORMAL_OPTION,
 SDIFF_MERGE_ASSIST_OPTION,
 STRIP_TRAILING_CR_OPTION,
 SUPPRESS_BLANK_EMPTY_OPTION,
 SUPPRESS_COMMON_LINES_OPTION,
 TABSIZE_OPTION,
 TO_FILE_OPTION,

 /* These options must be in sequence. */

```

```

UNCHANGED_LINE_FORMAT_OPTION,
OLD_LINE_FORMAT_OPTION,
NEW_LINE_FORMAT_OPTION,

/* These options must be in sequence. */
UNCHANGED_GROUP_FORMAT_OPTION,
OLD_GROUP_FORMAT_OPTION,
NEW_GROUP_FORMAT_OPTION,
CHANGED_GROUP_FORMAT_OPTION
};

static char const group_format_option[][sizeof "--unchanged-group-format"] =
{
 "--unchanged-group-format",
 "--old-group-format",
 "--new-group-format",
 "--changed-group-format"
};

static char const line_format_option[][sizeof "--unchanged-line-format"] =
{
 "--unchanged-line-format",
 "--old-line-format",
 "--new-line-format"
};

static struct option const longopts[] =
{
 {"binary", 0, 0, BINARY_OPTION},
 {"brief", 0, 0, 'q'},
 {"changed-group-format", 1, 0, CHANGED_GROUP_FORMAT_OPTION},
 {"context", 2, 0, 'C'},
 {"ed", 0, 0, 'e'},
 {"exclude", 1, 0, 'x'},
 {"exclude-from", 1, 0, 'X'},
 {"expand-tabs", 0, 0, 't'},
 {"forward-ed", 0, 0, 'f'},
 {"from-file", 1, 0, FROM_FILE_OPTION},
 {"help", 0, 0, HELP_OPTION},
 {"horizon-lines", 1, 0, HORIZON_LINES_OPTION},
 {"ifdef", 1, 0, 'D'},
 {"ignore-all-space", 0, 0, 'w'},
 {"ignore-blank-lines", 0, 0, 'B'},
 {"ignore-case", 0, 0, 'i'},
 {"ignore-file-name-case", 0, 0, IGNORE_FILE_NAME_CASE_OPTION},
 {"ignore-matching-lines", 1, 0, 'I'},
 {"ignore-space-change", 0, 0, 'b'},
 {"ignore-tab-expansion", 0, 0, 'E'},

```

```

{"ignore-trailing-space", 0, 0, 'Z'},
{"inhibit-hunk-merge", 0, 0, INHIBIT_HUNK_MERGE_OPTION},
{"initial-tab", 0, 0, 'T'},
{"label", 1, 0, 'L'},
{"left-column", 0, 0, LEFT_COLUMN_OPTION},
{"line-format", 1, 0, LINE_FORMAT_OPTION},
{"minimal", 0, 0, 'd'},
{"new-file", 0, 0, 'N'},
{"new-group-format", 1, 0, NEW_GROUP_FORMAT_OPTION},
{"new-line-format", 1, 0, NEW_LINE_FORMAT_OPTION},
{"no-dereference", 0, 0, NO_DEREFERENCE_OPTION},
{"no-ignore-file-name-case", 0, 0, NO_IGNORE_FILE_NAME_CASE_OPTION},
{"normal", 0, 0, NORMAL_OPTION},
{"old-group-format", 1, 0, OLD_GROUP_FORMAT_OPTION},
{"old-line-format", 1, 0, OLD_LINE_FORMAT_OPTION},
{"paginate", 0, 0, 'l'},
{"rcs", 0, 0, 'n'},
{"recursive", 0, 0, 'r'},
{"report-identical-files", 0, 0, 's'},
{"sdiff-merge-assist", 0, 0, SDIFF_MERGE_ASSIST_OPTION},
{"show-c-function", 0, 0, 'p'},
{"show-function-line", 1, 0, 'F'},
{"side-by-side", 0, 0, 'y'},
{"speed-large-files", 0, 0, 'H'},
{"starting-file", 1, 0, 'S'},
{"strip-trailing-cr", 0, 0, STRIP_TRAILING_CR_OPTION},
{"suppress-blank-empty", 0, 0, SUPPRESS_BLANK_EMPTY_OPTION},
{"suppress-common-lines", 0, 0, SUPPRESS_COMMON_LINES_OPTION},
{"tabsize", 1, 0, TABSIZE_OPTION},
{"text", 0, 0, 'a'},
{"to-file", 1, 0, TO_FILE_OPTION},
{"unchanged-group-format", 1, 0, UNCHANGED_GROUP_FORMAT_OPTION},
{"unchanged-line-format", 1, 0, UNCHANGED_LINE_FORMAT_OPTION},
{"unidirectional-new-file", 0, 0, 'P'},
{"unified", 2, 0, 'U'},
{"version", 0, 0, 'v'},
{"width", 1, 0, 'W'},
{0, 0, 0, 0}
};

```

/\* Return a string containing the command options with which diff was invoked.

Spaces appear between what were separate ARGV-elements.

There is a space at the beginning but none at the end.

If there were no options, the result is an empty string.

Arguments: OPTIONVEC, a vector containing separate ARGV-elements, and COUNT, the length of that vector. \*/

```

static char *
option_list (char **optionvec, int count)
{
 int i;
 size_t size = 1;
 char *result;
 char *p;

 for (i = 0; i < count; i++)
 size += 1 + shell_quote_length (optionvec[i]);

 p = result = xmalloc (size);

 for (i = 0; i < count; i++)
 {
 *p++ = ' ';
 p = shell_quote_copy (p, optionvec[i]);
 }

 *p = '\0';
 return result;
}

/* Return an option value suitable for add_exclude. */

static int
exclude_options (void)
{
 return EXCLUDE_WILDCARDS | (ignore_file_name_case ? FNM_CASEFOLD : 0);
}

int
main (int argc, char **argv)
{
 int exit_status = EXIT_SUCCESS;
 int c;
 int i;
 int prev = -1;
 lin ocontext = -1;
 bool explicit_context = false;
 size_t width = 0;
 bool show_c_function = false;
 char const *from_file = NULL;
 char const *to_file = NULL;
 uintmax_t numval;
 char *numend;

```



```

/* Do our initializations. */
exit_failure = EXIT_TROUBLE;
initialize_main (&argc, &argv);
set_program_name (argv[0]);
setlocale (LC_ALL, "");
bindtextdomain (PACKAGE, LOCALEDIR);
textdomain (PACKAGE);
c_stack_action (0);
function_regexp_list.buf = &function_regexp;
ignore_regexp_list.buf = &ignore_regexp;
re_set_syntax (RE_SYNTAX_GREP | RE_NO_POSIX_BACKTRACKING);
excluded = new_exclude ();

/* Decode the options. */

while ((c = getopt_long (argc, argv, shortopts, longopts, NULL)) != -1)
 {
 switch (c)
 {
case 0:
 break;

case '0':
case '1':
case '2':
case '3':
case '4':
case '5':
case '6':
case '7':
case '8':
case '9':
 if (! ISDIGIT (prev))
 ocontext = c - '0';
 else if (LIN_MAX / 10 < ocontext
 || ((ocontext = 10 * ocontext + c - '0') < 0))
 ocontext = LIN_MAX;
 break;

case 'a':
 text = true;
 break;

case 'b':
 if (ignore_white_space < IGNORE_SPACE_CHANGE)
 ignore_white_space = IGNORE_SPACE_CHANGE;
 break;

```

```

case 'Z':
 if (ignore_white_space < IGNORE_SPACE_CHANGE)
 ignore_white_space |= IGNORE_TRAILING_SPACE;
 break;

case 'B':
 ignore_blank_lines = true;
 break;

case 'C':
case 'U':
 {
 if (optarg)
 {
 numval = strtoumax (optarg, &numend, 10);
 if (*numend)
 try_help ("invalid context length '%s'", optarg);
 if (LIN_MAX < numval)
 numval = LIN_MAX;
 }
 else
 numval = 3;

 specify_style (c == 'U' ? OUTPUT_UNIFIED : OUTPUT_CONTEXT);
 if (context < numval)
 context = numval;
 explicit_context = true;
 }
 break;

case 'c':
 specify_style (OUTPUT_CONTEXT);
 if (context < 3)
 context = 3;
 break;

case 'd':
 minimal = true;
 break;

case 'D':
 specify_style (OUTPUT_IFDEF);
 {
 static char const C_ifdef_group_formats[] =
 "%c%#ifndef %s\n%>#endif /* ! %s *\n%c#ifndef %s\n%>#endif /* %s *\n%c#ifndef %s\n%>#else
/* %s *\n%>#endif /* %s *\n";
 char *b = xmalloc (sizeof C_ifdef_group_formats
 + 7 * strlen (optarg) - 14 /* 7*"%" */

```

```

 - 8 /* 5*"%%" + 3*"%c" */);
printf (b, C_ifdef_group_formats,
 0,
 optarg, optarg, 0,
 optarg, optarg, 0,
 optarg, optarg, optarg);
for (i = 0; i < sizeof group_format / sizeof group_format[0]; i++)
 {
specify_value (&group_format[i], b, "-D");
b += strlen (b) + 1;
 }
}
break;

case 'e':
specify_style (OUTPUT_ED);
break;

case 'E':
if (ignore_white_space < IGNORE_SPACE_CHANGE)
 ignore_white_space |= IGNORE_TAB_EXPANSION;
break;

case 'f':
specify_style (OUTPUT_FORWARD_ED);
break;

case 'F':
add_regexp (&function_regexp_list, optarg);
break;

case 'h':
/* Split the files into chunks for faster processing.
 Usually does not change the result.

 This currently has no effect. */
break;

case 'H':
speed_large_files = true;
break;

case 'i':
ignore_case = true;
break;

case 'T':
add_regexp (&ignore_regexp_list, optarg);

```

```

break;

case 'l':
if (!pr_program[0])
 try_help ("pagination not supported on this host", NULL);
paginate = true;
#ifdef SIGCHLD
 /* Pagination requires forking and waiting, and
 System V fork+wait does not work if SIGCHLD is ignored. */
 signal (SIGCHLD, SIG_DFL);
#endif
break;

case 'L':
if (!file_label[0])
 file_label[0] = optarg;
else if (!file_label[1])
 file_label[1] = optarg;
else
 fatal ("too many file label options");
break;

case 'n':
 specify_style (OUTPUT_RCS);
break;

case 'N':
 new_file = true;
break;

case 'p':
 show_c_function = true;
 add_regexp (&function_regexp_list, "^[[:alpha:]]$_");
break;

case 'P':
 unidirectional_new_file = true;
break;

case 'q':
 brief = true;
break;

case 'r':
 recursive = true;
break;

case 's':

```

```

report_identical_files = true;
break;

case 'S':
 specify_value (&starting_file, optarg, "-S");
 break;

case 't':
 expand_tabs = true;
 break;

case 'T':
 initial_tab = true;
 break;

case 'u':
 specify_style (OUTPUT_UNIFIED);
 if (context < 3)
 context = 3;
 break;

case 'v':
 version_etc (stdout, PROGRAM_NAME, PACKAGE_NAME, Version,
 AUTHORS, (char *) NULL);
 check_stdout ();
 return EXIT_SUCCESS;

case 'w':
 ignore_white_space = IGNORE_ALL_SPACE;
 break;

case 'x':
 add_exclude (excluded, optarg, exclude_options ());
 break;

case 'X':
 if (add_exclude_file (add_exclude, excluded, optarg,
 exclude_options (), '\n'))
 pfatal_with_name (optarg);
 break;

case 'y':
 specify_style (OUTPUT_SDIFF);
 break;

case 'W':
 numval = strtoumax (optarg, &numend, 10);
 if (! (0 < numval && numval <= SIZE_MAX) || *numend)

```

```

 try_help ("invalid width '%s'", optarg);
 if (width != numval)
 {
 if (width)
 fatal ("conflicting width options");
 width = numval;
 }
 break;

case BINARY_OPTION:
#if O_BINARY
 binary = true;
 if (! isatty (STDOUT_FILENO))
 set_binary_mode (STDOUT_FILENO, O_BINARY);
#endif
 break;

case FROM_FILE_OPTION:
 specify_value (&from_file, optarg, "--from-file");
 break;

case HELP_OPTION:
 usage ();
 check_stdout ();
 return EXIT_SUCCESS;

case HORIZON_LINES_OPTION:
 numval = strtoumax (optarg, &numend, 10);
 if (*numend)
 try_help ("invalid horizon length '%s'", optarg);
 horizon_lines = MAX (horizon_lines, MIN (numval, LIN_MAX));
 break;

case IGNORE_FILE_NAME_CASE_OPTION:
 ignore_file_name_case = true;
 break;

case INHIBIT_HUNK_MERGE_OPTION:
 /* This option is obsolete, but accept it for backward
 compatibility. */
 break;

case LEFT_COLUMN_OPTION:
 left_column = true;
 break;

case LINE_FORMAT_OPTION:
 specify_style (OUTPUT_IFDEF);

```

```

for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
 specify_value (&line_format[i], optarg, "--line-format");
break;

case NO_DEREFERENCE_OPTION:
 no_dereference_symlinks = true;
 break;

case NO_IGNORE_FILE_NAME_CASE_OPTION:
 ignore_file_name_case = false;
 break;

case NORMAL_OPTION:
 specify_style (OUTPUT_NORMAL);
 break;

case SDIFF_MERGE_ASSIST_OPTION:
 specify_style (OUTPUT_SDIFF);
 sdiff_merge_assist = true;
 break;

case STRIP_TRAILING_CR_OPTION:
 strip_trailing_cr = true;
 break;

case SUPPRESS_BLANK_EMPTY_OPTION:
 suppress_blank_empty = true;
 break;

case SUPPRESS_COMMON_LINES_OPTION:
 suppress_common_lines = true;
 break;

case TABSIZE_OPTION:
 numval = strtoumax (optarg, &numend, 10);
 if (! (0 < numval && numval <= SIZE_MAX) || *numend)
 try_help ("invalid tabsize '%s'", optarg);
 if (tabsize != numval)
 {
 if (tabsize)
 fatal ("conflicting tabsize options");
 tabsize = numval;
 }
 break;

case TO_FILE_OPTION:
 specify_value (&to_file, optarg, "--to-file");
 break;

```

```

case UNCHANGED_LINE_FORMAT_OPTION:
case OLD_LINE_FORMAT_OPTION:
case NEW_LINE_FORMAT_OPTION:
 specify_style (OUTPUT_IFDEF);
 c -= UNCHANGED_LINE_FORMAT_OPTION;
 specify_value (&line_format[c], optarg, line_format_option[c]);
 break;

case UNCHANGED_GROUP_FORMAT_OPTION:
case OLD_GROUP_FORMAT_OPTION:
case NEW_GROUP_FORMAT_OPTION:
case CHANGED_GROUP_FORMAT_OPTION:
 specify_style (OUTPUT_IFDEF);
 c -= UNCHANGED_GROUP_FORMAT_OPTION;
 specify_value (&group_format[c], optarg, group_format_option[c]);
 break;

default:
 try_help (NULL, NULL);
}
 prev = c;
}

if (output_style == OUTPUT_UNSPECIFIED)
{
 if (show_c_function)
 {
 specify_style (OUTPUT_CONTEXT);
 if (ocontext < 0)
 context = 3;
 }
 else
 specify_style (OUTPUT_NORMAL);
}

if (output_style != OUTPUT_CONTEXT || hard_locale (LC_TIME))
{
 #if (defined STAT_TIMESPEC || defined STAT_TIMESPEC_NS \
 || defined HAVE_STRUCT_STAT_ST_SPARE1)
 time_format = "%Y-%m-%d %H:%M:%S.%N %z";
 #else
 time_format = "%Y-%m-%d %H:%M:%S %z";
 #endif
}
else
{
 /* See POSIX 1003.1-2001 for this format. */

```



```

 time_format = "%a %b %e %T %Y";
}

if (0 <= ocontext
 && (output_style == OUTPUT_CONTEXT
 || output_style == OUTPUT_UNIFIED)
 && (context < ocontext
 || (ocontext < context && ! explicit_context)))
 context = ocontext;

if (! tabsize)
 tabsize = 8;
if (! width)
 width = 130;

{
 /* Maximize first the half line width, and then the gutter width,
 according to the following constraints:

1. Two half lines plus a gutter must fit in a line.
2. If the half line width is nonzero:
 a. The gutter width is at least GUTTER_WIDTH_MINIMUM.
 b. If tabs are not expanded to spaces,
a half line plus a gutter is an integral number of tabs,
so that tabs in the right column line up. */

 intmax_t t = expand_tabs ? 1 : tabsize;
 intmax_t w = width;
 intmax_t off = (w + t + GUTTER_WIDTH_MINIMUM) / (2 * t) * t;
 sdiff_half_width = MAX (0, MIN (off - GUTTER_WIDTH_MINIMUM, w - off)),
 sdiff_column2_offset = sdiff_half_width ? off : w;
}

/* Make the horizon at least as large as the context, so that
 shift_boundaries has more freedom to shift the first and last hunks. */
if (horizon_lines < context)
 horizon_lines = context;

summarize_regexp_list (&function_regexp_list);
summarize_regexp_list (&ignore_regexp_list);

if (output_style == OUTPUT_IFDEF)
{
 for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
if (!line_format[i])
 line_format[i] = "%l\n";
 if (!group_format[OLD])
group_format[OLD]

```

```

= group_format[CHANGED] ? group_format[CHANGED] : "%<";
 if (!group_format[NEW])
group_format[NEW]
= group_format[CHANGED] ? group_format[CHANGED] : "%>";
 if (!group_format[UNCHANGED])
group_format[UNCHANGED] = "%=";
 if (!group_format[CHANGED])
group_format[CHANGED] = concat (group_format[OLD],
 group_format[NEW], "");
}

```

```

no_diff_means_no_output =
(output_style == OUTPUT_IFDEF ?
 (!*group_format[UNCHANGED]
 || (STREQ (group_format[UNCHANGED], "%=")
 && !*line_format[UNCHANGED]))
: (output_style != OUTPUT_SDIFF) | suppress_common_lines);

```

```

files_can_be_treated_as_binary =
(brief & binary
& ~ (ignore_blank_lines | ignore_case | strip_trailing_cr
| (ignore_regexp_list.regexprs || ignore_white_space)));

```

```

switch_string = option_list (argv + 1, optind - 1);

```

```

if (from_file)
{
 if (to_file)
fatal ("--from-file and --to-file both specified");
 else
for (; optind < argc; optind++)
{
 int status = compare_files (NULL, from_file, argv[optind]);
 if (exit_status < status)
 exit_status = status;
}
}
else
{
 if (to_file)
for (; optind < argc; optind++)
{
 int status = compare_files (NULL, argv[optind], to_file);
 if (exit_status < status)
 exit_status = status;
}
}
else
{

```

```

if (argc - optind != 2)
{
 if (argc - optind < 2)
try_help ("missing operand after '%s'", argv[argc - 1]);
 else
try_help ("extra operand '%s'", argv[optind + 2]);
}

exit_status = compare_files (NULL, argv[optind], argv[optind + 1]);
}
}

/* Print any messages that were saved up for last. */
print_message_queue ();

check_stdout ();
exit (exit_status);
return exit_status;
}

/* Append to REGLIST the regexp PATTERN. */

static void
add_regexp (struct regexp_list *reglist, char const *pattern)
{
 size_t patlen = strlen (pattern);
 char const *m = re_compile_pattern (pattern, patlen, reglist->buf);

 if (m != 0)
 error (0, 0, "%s: %s", pattern, m);
 else
 {
 char *regexps = reglist->regexps;
 size_t len = reglist->len;
 bool multiple_regexps = reglist->multiple_regexps = regexps != 0;
 size_t newlen = reglist->len = len + 2 * multiple_regexps + patlen;
 size_t size = reglist->size;

 if (size <= newlen)
 {
 if (!size)
 size = 1;

 do size *= 2;
 while (size <= newlen);

 reglist->size = size;
 reglist->regexps = regexps = xrealloc (regexps, size);

```

```

}
 if (multiple_regexp)
 {
 regexps[len++] = '\\';
 regexps[len++] = '|';
 }
 memcpy (regexps + len, pattern, patlen + 1);
}
}

/* Ensure that REGLIST represents the disjunction of its regexps.
 This is done here, rather than earlier, to avoid O(N^2) behavior. */

static void
summarize_regexp_list (struct regexp_list *reglist)
{
 if (reglist->regexps)
 {
 /* At least one regexp was specified. Allocate a fastmap for it. */
 reglist->buf->fastmap = xmalloc (1 << CHAR_BIT);
 if (reglist->multiple_regexp)
 {
 /* Compile the disjunction of the regexps.
 (If just one regexp was specified, it is already compiled.) */
 char const *m = re_compile_pattern (reglist->regexps, reglist->len,
 reglist->buf);
 if (m)
 error (EXIT_TROUBLE, 0, "%s: %s", reglist->regexps, m);
 }
 }
}

static void
try_help (char const *reason_msgid, char const *operand)
{
 if (reason_msgid)
 error (0, 0, _(reason_msgid), operand);
 error (EXIT_TROUBLE, 0, _("Try '%s --help' for more information."),
 program_name);
 abort ();
}

static void
check_stdout (void)
{
 if (ferror (stdout))
 fatal ("write failed");
 else if (fclose (stdout) != 0)

```

```

 pfatal_with_name (_("standard output"));
}

static char const * const option_help_msgid[] = {
 N_(" --normal output a normal diff (the default)"),
 N_(" -q, --brief report only when files differ"),
 N_(" -s, --report-identical-files report when two files are the same"),
 N_(" -c, -C NUM, --context[=NUM] output NUM (default 3) lines of copied context"),
 N_(" -u, -U NUM, --unified[=NUM] output NUM (default 3) lines of unified context"),
 N_(" -e, --ed output an ed script"),
 N_(" -n, --rcs output an RCS format diff"),
 N_(" -y, --side-by-side output in two columns"),
 N_(" -W, --width=NUM output at most NUM (default 130) print columns"),
 N_(" --left-column output only the left column of common lines"),
 N_(" --suppress-common-lines do not output common lines"),
 "",
 N_(" -p, --show-c-function show which C function each change is in"),
 N_(" -F, --show-function-line=RE show the most recent line matching RE"),
 N_(" --label LABEL use LABEL instead of file name\n"
 " (can be repeated)"),
 "",
 N_(" -t, --expand-tabs expand tabs to spaces in output"),
 N_(" -T, --initial-tab make tabs line up by prepending a tab"),
 N_(" --tabsize=NUM tab stops every NUM (default 8) print columns"),
 N_(" --suppress-blank-empty suppress space or tab before empty output lines"),
 N_(" -l, --paginate pass output through 'pr' to paginate it"),
 "",
 N_(" -r, --recursive recursively compare any subdirectories found"),
 N_(" --no-dereference don't follow symbolic links"),
 N_(" -N, --new-file treat absent files as empty"),
 N_(" --unidirectional-new-file treat absent first files as empty"),
 N_(" --ignore-file-name-case ignore case when comparing file names"),
 N_(" --no-ignore-file-name-case consider case when comparing file names"),
 N_(" -x, --exclude=PAT exclude files that match PAT"),
 N_(" -X, --exclude-from=FILE exclude files that match any pattern in FILE"),
 N_(" -S, --starting-file=FILE start with FILE when comparing directories"),
 N_(" --from-file=FILE1 compare FILE1 to all operands;\n"
 " FILE1 can be a directory"),
 N_(" --to-file=FILE2 compare all operands to FILE2;\n"
 " FILE2 can be a directory"),
 "",
 N_(" -i, --ignore-case ignore case differences in file contents"),
 N_(" -E, --ignore-tab-expansion ignore changes due to tab expansion"),
 N_(" -Z, --ignore-trailing-space ignore white space at line end"),
 N_(" -b, --ignore-space-change ignore changes in the amount of white space"),
 N_(" -w, --ignore-all-space ignore all white space"),
 N_(" -B, --ignore-blank-lines ignore changes where lines are all blank"),
 N_(" -I, --ignore-matching-lines=RE ignore changes where all lines match RE"),

```

```

"",
N_(" -a, --text treat all files as text"),
N_(" --strip-trailing-cr strip trailing carriage return on input"),
#if O_BINARY
N_(" --binary read and write data in binary mode"),
#endif
"",
N_(" -D, --ifdef=NAME output merged file with '#ifdef NAME' diffs"),
N_(" --GTYPE-group-format=GFMT format GTYPE input groups with GFMT"),
N_(" --line-format=LFMT format all input lines with LFMT"),
N_(" --LTYPE-line-format=LFMT format LTYPE input lines with LFMT"),
N_(" These format options provide fine-grained control over the output\n"
 " of diff, generalizing -D/--ifdef."),
N_(" LTYPE is 'old', 'new', or 'unchanged'. GTYPE is LTYPE or 'changed'."),
N_(" GFMT (only) may contain:\n\
%< lines from FILE1\n\
%> lines from FILE2\n\
%= lines common to FILE1 and FILE2\n\
%[-][WIDTH][.PREC]]{doxX}LETTER printf-style spec for LETTER\n\
LETTERS are as follows for new group, lower case for old group:\n\
 F first line number\n\
 L last line number\n\
 N number of lines = L-F+1\n\
 E F-1\n\
 M L+1\n\
%(A=B?T:E) if A equals B then T else E"),
N_(" LFMT (only) may contain:\n\
%L contents of line\n\
%l contents of line, excluding any trailing newline\n\
%[-][WIDTH][.PREC]]{doxX}n printf-style spec for input line number"),
N_(" Both GFMT and LFMT may contain:\n\
%% %\n\
%c'C' the single character C\n\
%c\\'OOO' the character with octal code OOO\n\
C the character C (other characters represent themselves)"),
"",
N_(" -d, --minimal try hard to find a smaller set of changes"),
N_(" --horizon-lines=NUM keep NUM lines of the common prefix and suffix"),
N_(" --speed-large-files assume large files and many scattered small changes"),
"",
N_(" --help display this help and exit"),
N_(" -v, --version output version information and exit"),
"",
N_("FILES are 'FILE1 FILE2' or 'DIR1 DIR2' or 'DIR FILE...' or 'FILE... DIR.'"),
N_("If --from-file or --to-file is given, there are no restrictions on FILE(s)."),
N_("If a FILE is '-', read standard input."),
N_("Exit status is 0 if inputs are the same, 1 if different, 2 if trouble."),
0

```

```

};

static void
usage (void)
{
char const * const *p;

printf (_("Usage: %s [OPTION]... FILES\n"), program_name);
printf ("%s\n\n", _("Compare FILES line by line."));

fputs (_("\n\nMandatory arguments to long options are mandatory for short options too.\n\n"), stdout);

for (p = option_help_msgid; *p; p++)
{
if (!**p)
putchar ('\n');
else
{
char const *msg = _(*p);
char const *nl;
while ((nl = strchr (msg, '\n')))
{
int msglen = nl + 1 - msg;
printf (" %.*s", msglen, msg);
msg = nl + 1;
}

printf (" %s\n" + 2 * (*msg != ' ' && *msg != '-'), msg);
}
}
emit_bug_reporting_address ();
}

/* Set VAR to VALUE, reporting an OPTION error if this is a
conflict. */
static void
specify_value (char const **var, char const *value, char const *option)
{
if (*var && ! STREQ (*var, value))
{
error (0, 0, _("conflicting %s option value '%s'"), option, value);
try_help (NULL, NULL);
}
*var = value;
}

```

```

/* Set the output style to STYLE, diagnosing conflicts. */
static void
specify_style (enum output_style style)
{
 if (output_style != style)
 {
 if (output_style != OUTPUT_UNSPECIFIED)
 try_help ("conflicting output style options", NULL);
 output_style = style;
 }
}

/* Set the last-modified time of *ST to be the current time. */

static void
set_mtime_to_now (struct stat *st)
{
#ifdef STAT_TIMESPEC
 gettimeofday (&STAT_TIMESPEC (st, st_mtim));
#else
 struct timespec t;
 gettimeofday (&t);
 st->st_mtime = t.tv_sec;
if defined STAT_TIMESPEC_NS
 STAT_TIMESPEC_NS (st, st_mtim) = t.tv_nsec;
elif defined HAVE_STRUCT_STAT_ST_SPARE1
 st->st_spare1 = t.tv_nsec / 1000;
endif
#endif
}

/* Compare two files (or dirs) with parent comparison PARENT
and names NAME0 and NAME1.
(If PARENT is null, then the first name is just NAME0, etc.)
This is self-contained; it opens the files and closes them.

Value is EXIT_SUCCESS if files are the same, EXIT_FAILURE if
different, EXIT_TROUBLE if there is a problem opening them. */

static int
compare_files (struct comparison const *parent,
 char const *name0,
 char const *name1)
{
 struct comparison cmp;
#define DIR_P(f) (S_ISDIR (cmp.file[f].stat.st_mode) != 0)
 register int f;
 int status = EXIT_SUCCESS;

```



```

bool same_files;
char *free0;
char *free1;

/* If this is directory comparison, perhaps we have a file
 that exists only in one of the directories.
 If so, just print a message to that effect. */

if (!(name0 && name1)
 || (unidirectional_new_file && name1)
 || new_file))
{
 char const *name = name0 ? name0 : name1;
 char const *dir = parent->file[!name0].name;

 /* See POSIX 1003.1-2001 for this format. */
 message ("Only in %s: %s\n", dir, name);

 /* Return EXIT_FAILURE so that diff_dirs will return
 EXIT_FAILURE ("some files differ"). */
 return EXIT_FAILURE;
}

memset (cmp.file, 0, sizeof cmp.file);
cmp.parent = parent;

/* cmp.file[f].desc markers */
#define NONEXISTENT (-1) /* nonexistent file */
#define UNOPENED (-2) /* unopened file (e.g. directory) */
#define ERRNO_ENCODE(errno) (-3 - (errno)) /* encoded errno value */

#define ERRNO_DECODE(desc) (-3 - (desc)) /* inverse of ERRNO_ENCODE */

cmp.file[0].desc = name0 ? UNOPENED : NONEXISTENT;
cmp.file[1].desc = name1 ? UNOPENED : NONEXISTENT;

/* Now record the full name of each file, including nonexistent ones. */

if (!name0)
 name0 = name1;
if (!name1)
 name1 = name0;

if (!parent)
{
 free0 = NULL;
 free1 = NULL;
 cmp.file[0].name = name0;

```

```

 cmp.file[1].name = name1;
}
else
{
 cmp.file[0].name = free0
= file_name_concat (parent->file[0].name, name0, NULL);
 cmp.file[1].name = free1
= file_name_concat (parent->file[1].name, name1, NULL);
}

/* Stat the files. */

for (f = 0; f < 2; f++)
{
 if (cmp.file[f].desc != NONEXISTENT)
{
 if (f && file_name_cmp (cmp.file[f].name, cmp.file[0].name) == 0)
 {
 cmp.file[f].desc = cmp.file[0].desc;
 cmp.file[f].stat = cmp.file[0].stat;
 }
 else if (STREQ (cmp.file[f].name, "-"))
 {
 cmp.file[f].desc = STDIN_FILENO;
 if (binary && ! isatty (STDIN_FILENO))
set_binary_mode (STDIN_FILENO, O_BINARY);
 if (fstat (STDIN_FILENO, &cmp.file[f].stat) != 0)
cmp.file[f].desc = ERRNO_ENCODE (errno);
 else
 {
 if (S_ISREG (cmp.file[f].stat.st_mode))
 {
 off_t pos = lseek (STDIN_FILENO, 0, SEEK_CUR);
 if (pos < 0)
cmp.file[f].desc = ERRNO_ENCODE (errno);
 else
cmp.file[f].stat.st_size =
 MAX (0, cmp.file[f].stat.st_size - pos);
 }

 /* POSIX 1003.1-2001 requires current time for
 stdin. */
 set_mtime_to_now (&cmp.file[f].stat);
 }
 }
 else if ((no_dereference_symlinks
? lstat (cmp.file[f].name, &cmp.file[f].stat)
: stat (cmp.file[f].name, &cmp.file[f].stat))

```

```

!= 0)
cmp.file[f].desc = ERRNO_ENCODE (errno);
}
}

/* Mark files as nonexistent as needed for -N and -P, if they are
inaccessible empty regular files (the kind of files that 'patch'
creates to indicate nonexistent backups), or if they are
top-level files that do not exist but their counterparts do
exist. */
for (f = 0; f < 2; f++)
if ((new_file || (f == 0 && unidirectional_new_file))
&& (cmp.file[f].desc == UNOPENED
? (S_ISREG (cmp.file[f].stat.st_mode)
&& !(cmp.file[f].stat.st_mode & (S_IRWXU | S_IRWXG | S_IRWXO))
&& cmp.file[f].stat.st_size == 0)
: ((cmp.file[f].desc == ERRNO_ENCODE (ENOENT)
|| cmp.file[f].desc == ERRNO_ENCODE (EBADF))
&& ! parent
&& (cmp.file[1 - f].desc == UNOPENED
|| cmp.file[1 - f].desc == STDIN_FILENO))))
cmp.file[f].desc = NONEXISTENT;

for (f = 0; f < 2; f++)
if (cmp.file[f].desc == NONEXISTENT)
{
memset (&cmp.file[f].stat, 0, sizeof cmp.file[f].stat);
cmp.file[f].stat.st_mode = cmp.file[1 - f].stat.st_mode;
}

for (f = 0; f < 2; f++)
{
int e = ERRNO_DECODE (cmp.file[f].desc);
if (0 <= e)
{
errno = e;
perror_with_name (cmp.file[f].name);
status = EXIT_TROUBLE;
}
}

if (status == EXIT_SUCCESS && ! parent && DIR_P (0) != DIR_P (1))
{
/* If one is a directory, and it was specified in the command line,
use the file in that dir with the other file's basename. */

int fnm_arg = DIR_P (0);
int dir_arg = 1 - fnm_arg;

```

```

 char const *fnm = cmp.file[fnm_arg].name;
 char const *dir = cmp.file[dir_arg].name;
 char const *filename = cmp.file[dir_arg].name = free0
= find_dir_file_pathname (dir, last_component (fnm));

 if (STREQ (fnm, "-"))
fatal ("cannot compare '-' to a directory");

 if ((no_dereference_symlinks
? lstat (filename, &cmp.file[dir_arg].stat)
: stat (filename, &cmp.file[dir_arg].stat)
!= 0)
{
 perror_with_name (filename);
 status = EXIT_TROUBLE;
}
}

if (status != EXIT_SUCCESS)
{
 /* One of the files should exist but does not. */
}
else if (cmp.file[0].desc == NONEXISTENT
&& cmp.file[1].desc == NONEXISTENT)
{
 /* Neither file "exists", so there's nothing to compare. */
}
else if ((same_files
= (cmp.file[0].desc != NONEXISTENT
&& cmp.file[1].desc != NONEXISTENT
&& 0 < same_file (&cmp.file[0].stat, &cmp.file[1].stat)
&& same_file_attributes (&cmp.file[0].stat,
&cmp.file[1].stat)))
&& no_diff_means_no_output)
{
 /* The two named files are actually the same physical file.
We know they are identical without actually reading them. */
}
else if (DIR_P (0) & DIR_P (1))
{
 if (output_style == OUTPUT_IFDEF)
fatal ("-D option not supported with directories");

 /* If both are directories, compare the files in them. */

 if (parent && !recursive)
{
 /* But don't compare dir contents one level down

```

```

 unless -r was specified.
 See POSIX 1003.1-2001 for this format. */
message ("Common subdirectories: %s and %s\n",
 cmp.file[0].name, cmp.file[1].name);
}
else
status = diff_dirs (&cmp, compare_files);
}
else if ((DIR_P (0) | DIR_P (1))
 || (parent
 && !((S_ISREG (cmp.file[0].stat.st_mode)
 || S_ISLNK (cmp.file[0].stat.st_mode)
 && (S_ISREG (cmp.file[1].stat.st_mode)
 || S_ISLNK (cmp.file[1].stat.st_mode))))))
{
 if (cmp.file[0].desc == NONEXISTENT || cmp.file[1].desc == NONEXISTENT)
{
 /* We have a subdirectory that exists only in one directory. */

 if ((DIR_P (0) | DIR_P (1))
 && recursive
 && (new_file
 || (unidirectional_new_file
 && cmp.file[0].desc == NONEXISTENT)))
 status = diff_dirs (&cmp, compare_files);
 else
 {
 char const *dir;

 /* PARENT must be non-NULL here. */
 assert (parent);
 dir = parent->file[cmp.file[0].desc == NONEXISTENT].name;

 /* See POSIX 1003.1-2001 for this format. */
 message ("Only in %s: %s\n", dir, name0);

 status = EXIT_FAILURE;
 }
}
else
{
 /* We have two files that are not to be compared. */

 /* See POSIX 1003.1-2001 for this format. */
 message5 ("File %s is a %s while file %s is a %s\n",
 file_label[0] ? file_label[0] : cmp.file[0].name,
 file_type (&cmp.file[0].stat),
 file_label[1] ? file_label[1] : cmp.file[1].name,

```

```

 file_type (&cmp.file[1].stat);

 /* This is a difference. */
 status = EXIT_FAILURE;
}
}
else if (S_ISLNK (cmp.file[0].stat.st_mode)
 || S_ISLNK (cmp.file[1].stat.st_mode))
{
 /* We get here only if we use lstat(), not stat(). */
 assert (no_dereference_symlinks);

 if (S_ISLNK (cmp.file[0].stat.st_mode)
 && S_ISLNK (cmp.file[1].stat.st_mode))
 {
 /* Compare the values of the symbolic links. */
 char *link_value[2] = { NULL, NULL };

 for (f = 0; f < 2; f++)
 {
 link_value[f] = xreadlink (cmp.file[f].name);
 if (link_value[f] == NULL)
 {
 perror_with_name (cmp.file[f].name);
 status = EXIT_TROUBLE;
 break;
 }
 }
 if (status == EXIT_SUCCESS)
 {
 if (! STREQ (link_value[0], link_value[1]))
 {
 message ("Symbolic links %s and %s differ\n",
 cmp.file[0].name, cmp.file[1].name);
 /* This is a difference. */
 status = EXIT_FAILURE;
 }
 }
 for (f = 0; f < 2; f++)
 free (link_value[f]);
 }
 else
 {
 /* We have two files that are not to be compared, because
 one of them is a symbolic link and the other one is not. */

 message5 ("File %s is a %s while file %s is a %s\n",
 file_label[0] ? file_label[0] : cmp.file[0].name,

```

```

file_type (&cmp.file[0].stat),
file_label[1] ? file_label[1] : cmp.file[1].name,
file_type (&cmp.file[1].stat));

/* This is a difference. */
status = EXIT_FAILURE;
}
}
else if (files_can_be_treated_as_binary
&& S_ISREG (cmp.file[0].stat.st_mode)
&& S_ISREG (cmp.file[1].stat.st_mode)
&& cmp.file[0].stat.st_size != cmp.file[1].stat.st_size)
{
message ("Files %s and %s differ\n",
file_label[0] ? file_label[0] : cmp.file[0].name,
file_label[1] ? file_label[1] : cmp.file[1].name);
status = EXIT_FAILURE;
}
else
{
/* Both exist and neither is a directory. */

/* Open the files and record their descriptors. */

int oflags = O_RDONLY | (binary ? O_BINARY : 0);

if (cmp.file[0].desc == UNOPENED)
if ((cmp.file[0].desc = open (cmp.file[0].name, oflags, 0)) < 0)
{
perror_with_name (cmp.file[0].name);
status = EXIT_TROUBLE;
}
if (cmp.file[1].desc == UNOPENED)
{
if (same_files)
cmp.file[1].desc = cmp.file[0].desc;
else if ((cmp.file[1].desc = open (cmp.file[1].name, oflags, 0)) < 0)
{
perror_with_name (cmp.file[1].name);
status = EXIT_TROUBLE;
}
}
}

/* Compare the files, if no error was found. */

if (status == EXIT_SUCCESS)
status = diff_2_files (&cmp);

```

```

/* Close the file descriptors. */

if (0 <= cmp.file[0].desc && close (cmp.file[0].desc) != 0)
{
perror_with_name (cmp.file[0].name);
status = EXIT_TROUBLE;
}
if (0 <= cmp.file[1].desc && cmp.file[0].desc != cmp.file[1].desc
&& close (cmp.file[1].desc) != 0)
{
perror_with_name (cmp.file[1].name);
status = EXIT_TROUBLE;
}
}

/* Now the comparison has been done, if no error prevented it,
and STATUS is the value this function will return. */

if (status == EXIT_SUCCESS)
{
if (report_identical_files && !DIR_P (0))
message ("Files %s and %s are identical\n",
file_label[0] ? file_label[0] : cmp.file[0].name,
file_label[1] ? file_label[1] : cmp.file[1].name);
}
else
{
/* Flush stdout so that the user sees differences immediately.
This can hurt performance, unfortunately. */
if (fflush (stdout) != 0)
pfatal_with_name (_("standard output"));
}

free (free0);
free (free1);

return status;
}

```

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Version 3, 29 June 2007

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## 1.684 svgr 4.3.0

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## 1.689 configparser 4.0.2

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Original algorithm for the implementation of rk\_interval function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the rk\_double implementation by Isaku Wada.

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Adapted from a C++ implementation of Chris Doty-Humphrey's SFC PRNG.

<https://gist.github.com/imneme/f1f7821f07cf76504a97f6537c818083>

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Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under

copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that,

in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit

modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major

components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
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## 1.693 url-loader 1.1.1

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# 1.695 polkit 0.112 26.el7

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

### Preamble

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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is

the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
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- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a

table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or



link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license

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## 1.696 html-webpack-plugin 3.2.0

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## 1.709 python-tabulate 0.8.3

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# 1.720 python-setuptools 45.1.0

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# 1.725 perl-constant 1.27 2.el7

## 1.726 gorilla-websocket 1.4.2

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## 1.728 jest 5.3.4

## 1.729 logging-log4j 1.2.14

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Originates from Python; Doc/tools/sphinxext/static/copybutton.js

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by zmta04.collab.prod.int.phx2.redhat.com (Postfix) with ESMTP id 954E9D1F23  
for <mmaslano@mail.corp.redhat.com>; Mon, 18 Nov 2013 11:06:10 -0500 (EST)  
Received: from mx1.redhat.com (ext-mx14.extmail.prod.ext.phx2.redhat.com [10.5.110.19])  
by int-mx10.intmail.prod.int.phx2.redhat.com (8.14.4/8.14.4) with ESMTP id rAIG6A3W024510  
for <mmaslano@redhat.com>; Mon, 18 Nov 2013 11:06:10 -0500  
Received: from rtcpn.develooper.com (rtcpn.develooper.com [207.171.7.181])  
by mx1.redhat.com (8.14.4/8.14.4) with ESMTP id rAIG69Uk032392  
for <mmaslano@redhat.com>; Mon, 18 Nov 2013 11:06:09 -0500  
Received: by rtcpn.develooper.com (Postfix, from userid 536)  
id D3030FA; Mon, 18 Nov 2013 08:06:08 -0800 (PST)  
Precedence: normal  
Subject: [rt.cpan.org #90483] missing license file  
From: "Alexandr Ciornii via RT" <bug-Text-ParseWords@rt.cpan.org>  
Reply-To: bug-Text-ParseWords@rt.cpan.org  
In-Reply-To: <rt-4.0.18-4704-1384789048-1647.90483-6-0@rt.cpan.org>  
References: <RT-Ticket-90483@rt.cpan.org>  
<rt-4.0.18-4704-1384789048-1647.90483-6-0@rt.cpan.org>  
Message-ID: <rt-4.0.18-2172-1384790768-1347.90483-6-0@rt.cpan.org>  
X-RT-Loop-Prevention: rt.cpan.org  
RT-Ticket: rt.cpan.org #90483  
Managed-BY: RT 4.0.18 (<http://www.bestpractical.com/rt/>)  
RT-Originator: CHORNY@cpan.org  
To: mmaslano@redhat.com  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit  
Content-Type: text/plain; charset="utf-8"  
X-RT-Original-Encoding: utf-8  
Date: Mon, 18 Nov 2013 11:06:08 -0500  
X-RedHat-Spam-Score: -1.9 (BAYES\_00,SPF\_PASS,URIBL\_BLOCKED)  
X-Scanned-By: MIMEDefang 2.68 on 10.5.11.23  
X-Scanned-By: MIMEDefang 2.68 on 10.5.110.19

<URL: <https://rt.cpan.org/Ticket/Display.html?id=90483> >

On Mon Nov 18 10:37:28 2013, mmaslano@redhat.com wrote:

> It would be a big help if you have better defined license. License  
> text in .pm file would be enough.

Will do in next version.

> I found Perl license in Makefile.PL,  
> so we assumed it's Perl (GPL+ or Artistic). Is it correct?

yes

--

Alexandr Ciornii, <http://chorny.net>

# 1.735 nginx 1.14.2

## 1.735.1 Available under license :

```
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 * SUCH DAMAGE.
 */
```

# 1.736 pythonurllib 1.10.2 7.e17

## 1.736.1 Available under license :

```
Contributions to the urllib3 project

Creator & Maintainer

* Andrey Petrov <andrey.petrov@shazow.net>

Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
```



- \* HTTPS patch (which inspired HTTPSConnectionPool)
  
- \* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>
- \* NTLM-authenticated HTTPSConnectionPool
- \* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)
  
- \* niphlod <niphlod@gmail.com>
- \* Client-verified SSL certificates for HTTPSConnectionPool
- \* Response gzip and deflate encoding support
- \* Better unicode support for filepost using StringIO buffers
  
- \* btoconnor <brian@btoconnor.net>
- \* Non-multipart encoding for POST requests
  
- \* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>
- \* Code review, PEP8 compliance, benchmark fix
  
- \* kennethreitz <me@kennethreitz.com>
- \* Bugfixes, suggestions, Requests integration
  
- \* georgemarshall <<http://github.com/georgemarshall>>
- \* Bugfixes, Improvements and Test coverage
  
- \* Thomas Kluyver <thomas@kluyver.me.uk>
- \* Python 3 support
  
- \* brandon-rhodes <<http://rhodesmill.org/brandon>>
- \* Design review, bugfixes, test coverage.
  
- \* studer <theo.studer@gmail.com>
- \* IPv6 url support and test coverage
  
- \* Shivaram Lingamneni <slingamn@cs.stanford.edu>
- \* Support for explicitly closing pooled connections
  
- \* hartator <hartator@gmail.com>
- \* Corrected multipart behavior for params
  
- \* Thomas Weischuh <thomas@t-8ch.de>
- \* Support for TLS SNI
- \* API unification of ssl\_version/cert\_reqs
- \* SSL fingerprint and alternative hostname verification
- \* Bugfixes in testsuite
  
- \* Sune Kirkeby <mig@ibofobi.dk>
- \* Optional SNI-support for Python 2 via PyOpenSSL.
  
- \* Marc Schlaich <marc.schlaich@gmail.com>

- \* Various bugfixes and test improvements.
  
- \* Bryce Boe <bbzbryce@gmail.com>
  - \* Correct six.moves conflict
  - \* Fixed pickle support of some exceptions
  
- \* Boris Figovsky <boris.figovsky@ravellosystems.com>
  - \* Allowed to skip SSL hostname verification
  
- \* Cory Benfield <<http://lukasa.co.uk/about/>>
  - \* Stream method for Response objects.
  - \* Return native strings in header values.
  - \* Generate 'Host' header when using proxies.
  
- \* Jason Robinson <jaywink@basshero.org>
  - \* Add missing WrappedSocket.fileno method in PyOpenSSL
  
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  - \* Fixed a race condition
  
- \* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  - \* Added HTTPS (CONNECT) proxy support
  
- \* Stephen Holsapple <sholsapp@gmail.com>
  - \* Added abstraction for granular control of request fields
  
- \* Martin von Gagern <Martin.vGagern@gmx.net>
  - \* Support for non-ASCII header parameters
  
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  - \* Support for separate connect and request timeouts
  
- \* Peter Waller <p@pwaller.net>
  - \* HTTPResponse.tell() for determining amount received over the wire
  
- \* Nipunn Koorapati <nipunn1313@gmail.com>
  - \* Ignore default ports when comparing hosts for equality
  
- \* Danilo @dbrgn <<http://dbrgn.ch/>>
  - \* Disabled TLS compression by default on Python 3.2+
  - \* Disabled TLS compression in pyopenssl contrib module
  - \* Configurable cipher suites in pyopenssl contrib module
  
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  - \* Account retries on proxy errors
  
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
  - \* Use the platform-specific CA certificate locations

- \* Josh Schneier <<https://github.com/jschneier>>
  - \* HTTPHeaderDict and associated tests and docs
  - \* Bugfixes, docs, test coverage
  
  - \* Tahia Khan <<http://tahia.tk/>>
  - \* Added Timeout examples in docs
  
  - \* Arthur Grunseid <<http://grunseid.com>>
  - \* source\_address support and tests (with <https://github.com/bui>)
  
  - \* Ian Cordasco <[graffatcolmingov@gmail.com](mailto:graffatcolmingov@gmail.com)>
  - \* PEP8 Compliance and Linting
  - \* Add ability to pass socket options to an HTTP Connection
  
  - \* Erik Tollerud <[erik.tollerud@gmail.com](mailto:erik.tollerud@gmail.com)>
  - \* Support for standard library io module.
  
  - \* Krishna Prasad <[kprasad.iitd@gmail.com](mailto:kprasad.iitd@gmail.com)>
  - \* Google App Engine documentation
  
  - \* Aaron Meurer <[asmeurer@gmail.com](mailto:asmeurer@gmail.com)>
  - \* Added Url.url, which unparses a Url
  
  - \* Evgeny Kapun <[abacabadabacaba@gmail.com](mailto:abacabadabacaba@gmail.com)>
  - \* Bugfixes
  
  - \* Benjamin Meyer <[bm\\_witness@yahoo.com](mailto:bm_witness@yahoo.com)>
  - \* Security Warning Documentation update for proper capture
  
  - \* Shivan Sornarajah <[github@sornars.com](mailto:github@sornars.com)>
  - \* Support for using ConnectionPool and PoolManager as context managers.
  
  - \* Alex Gaynor <[alex.gaynor@gmail.com](mailto:alex.gaynor@gmail.com)>
  - \* Updates to the default SSL configuration
  
  - \* [Your name or handle] <[email or website]>
  - \* [Brief summary of your changes]
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## 1.737 libxml 2.9.1 6.e17.4

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## 1.738 webpack-dev-server 3.7.1

# 1.739 python-six 1.9.0 2.el7

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Version 2.1, February 1999

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# 1.741 enum34 1.1.6

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