



# Open Source Used In Cisco Email Security Appliance AsyncOS 13.5.3

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- 1.296 dash freebsd-release-10.4**



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### **1.328 go-yaml cd8b52f8269e0feb286dfeef29f8fe4d5b397e0b**

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Last revised by Reagle \$Date: 2005-06-03 18:49:13 -0400 (Fri, 03 Jun 2005) \$  
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David Megginson, [david@megginson.com](mailto:david@megginson.com)  
2000-05-05

# 1.2 tomcat-juli 8.0.43

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- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
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- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
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## 1.5 bzip2 1.0.5-7.el6\_0

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Julian Seward, [jseward@bzip.org](mailto:jseward@bzip.org)  
bzip2/libbzip2 version 1.0.5 of 10 December 2007

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## 1.6 heimdal 1.5.2

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@vskip 20pt plus 1fil  
@end macro
```

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@macro copyrightstart{ }  
@end macro
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@macro copyrightend{ }  
@end macro
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@comment node-name, next, previous, up  
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AES in libcrypto

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@version 3.0 (December 2000)

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@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

@author Paulo Barreto <paulo.barreto@terra.com.br>

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Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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## 1.8 bouncy-castle 1.51

## 1.9 json-c 0.12.1

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```

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

Found in path(s):

```
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/writer/DefaultMapper.java
```

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Found in path(s):

```
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/writer/JsonReader.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/parser/JSONParserByteArray.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
jar/net/minidev/json/JSONAwareEx.java
* /opt/cola/permits/1000738114_1651084661.34/0/json-smart-2-2-1-sources-
```

jar/net/minidev/json/parser/JSONParser.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/JSONParserString.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/writer/CollectionMapper.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/ParseException.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONValue.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONObject.java  
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\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/writer/CompressorMapper.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONStreamAware.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/writer/ArraysMapper.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/JSONParserMemory.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONUtil.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/JSONParserReader.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/writer/DefaultMapperCollection.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONAware.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JStylerObj.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONArray.java  
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\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/JSONParserStream.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/writer/BeansMapper.java  
\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONStreamAwareEx.java

## 1.12 tagsoup 1.2.1

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# 1.13 java-getopt 1.0.9

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## 1.14 pkg-static 1.3.8

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## 1.19 openssl 1.0.1e

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## 1.21 tomcat-storeconfig 8.0.43

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## 1.23 stateless4j 2.5.0

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Found in path(s):

\* /opt/cola/permits/1320330290\_1651524963.22/0/stateless4j-2-5-0-sources-7-  
jar/com/github/oxo42/stateless4j/delegates/FuncBoolean.java  
\* /opt/cola/permits/1320330290\_1651524963.22/0/stateless4j-2-5-0-sources-7-  
jar/com/github/oxo42/stateless4j/OutVar.java

## 1.24 mitchellh-mapstructure

# d0303fe809921458f417bcf828397a65db30a7e4

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# 1.25 curl 7.55.1

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=====

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I am not a lawyer and this is not legal advice!

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**65671c440e8fa4ccbbc5a5c6c499a3c9a039f84f**

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## 1.27 httpcomponents-core 4.3.1

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## 1.28 tomcat-jsp-api 8.0.43

## 1.29 rrdtool 1.0.38

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#### Internet Resources

LAN Services AG (www.lan.ch)  
for the <http://rrdtool.eu.org> domain reflector

Alexander Lucke (lucke@dns-net.de)  
and DNS:NET Internet Services (www.dns-net.de)  
for <http://rrdtool.org>

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Tobias Oetiker <oetiker@ee.ethz.ch>

## 1.30 openssh 7.3

## 1.30.1 Available under license :

```
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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
#endif
#endif
```



```
/* 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
```

```
#define INFTIM (-1) /* not standard */
```

```
int poll(struct pollfd *, nfd_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H_ */
```

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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
/*
```

```
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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 */

```

## 1.31 dig 9.11.2

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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.

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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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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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@enumerate a

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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.)

@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.

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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.

@item

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.

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

Ty Coon, President of Vice

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Version 3, 29 June 2007

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```
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This is free software, and you are welcome to redistribute it
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```

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## 1.33 python 2.5.1

### 1.33.1 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 (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
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## 1.34 tomcat-el-api 8.0.43

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jar/org/objectweb/asm/xml/package.html

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*/
/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
 * version.
 *
 * @param mv
 *     the <code>MethodVisitor</code> to send the resulting inlined
 *     method code to (use <code>>null</code> for none).
 * @param access
 *     the method's access flags (see { @link Opcodes}). This
 *     parameter also indicates if the method is synthetic and/or
 *     deprecated.
 * @param name
 *     the method's name.
 * @param desc
 *     the method's descriptor (see { @link Type}).
 * @param signature
 *     the method's signature. May be <tt>null</tt>.
 * @param exceptions
 *     the internal names of the method's exception classes (see
 *     { @link Type#getInternalName() getInternalName}). May be
 *     <tt>null</tt>.
 * @throws IllegalStateException
 *     If a subclass calls this constructor.
 */

```

Found in path(s):



```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/JSRInlinerAdapter.java
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/**
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```

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```
*/
```

```
/**
```

```
* Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
```

```
* not use this constructor</i>. Instead, they must use the
```

```
* {@link #LocalVariableAnnotationNode\(int, TypePath, LabelNode\[\], LabelNode\[\], int\[\], String\)}
```

```
* version.
```

```
*
```

```
* @param typeRef
```

```
* a reference to the annotated type. See {@link TypeReference}.
```

```
* @param typePath
```

```
* the path to the annotated type argument, wildcard bound, array
```

```
* element type, or static inner type within 'typeRef'. May be
```

```
* <tt>null</tt> if the annotation targets 'typeRef' as a whole.
```

```
* @param start
```

```
* the first instructions corresponding to the continuous ranges
```

```
* that make the scope of this local variable (inclusive).
```

```
* @param end
*     the last instructions corresponding to the continuous ranges
*     that make the scope of this local variable (exclusive). This
*     array must have the same size as the 'start' array.
* @param index
*     the local variable's index in each range. This array must have
*     the same size as the 'start' array.
* @param desc
*     the class descriptor of the annotation class.
*/
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
```

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```
/**
```

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```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
```

jar/org/objectweb/asm/xml/SAXAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/xml/SAXFieldAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/xml/Processor.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/xml/SAXClassAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/xml/ASMContentHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/xml/SAXCodeAdapter.java  
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jar/org/objectweb/asm/xml/asm-xml.dtd  
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*/
/**
 * Constructs a new {@link ClassNode}. Subclasses must not use this
 * constructor. Instead, they must use the {@link #ClassNode(int)}
 * version.
 *
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/tree/ClassNode.java

```

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\*/

/\*\*

\* Creates a new { @link GeneratorAdapter}. *<i>*Subclasses must not use this  
\* constructor*</i>*. Instead, they must use the  
\* { @link #GeneratorAdapter(int, MethodVisitor, int, String, String)}  
\* version.  
\*  
\* @param mv  
\* the method visitor to which this adapter delegates calls.  
\* @param access  
\* the method's access flags (see { @link Opcodes}).  
\* @param name  
\* the method's name.  
\* @param desc  
\* the method's descriptor (see { @link Type Type}).  
\* @throws IllegalStateException  
\* If a subclass calls this constructor.  
\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/GeneratorAdapter.java

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jar/org/objectweb/asm/tree/analysis/package.html  
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jar/org/objectweb/asm/commons/package.html  
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jar/org/objectweb/asm/util/package.html  
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jar/org/objectweb/asm/package.html  
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- \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/util/Textifiable.java

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jar/org/objectweb/asm/signature/SignatureWriter.java  
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jar/org/objectweb/asm/commons/Method.java  
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jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java  
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jar/org/objectweb/asm/util/TraceSignatureVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/AbstractInsnNode.java  
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jar/org/objectweb/asm/tree/analysis/BasicVerifier.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/FieldWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/util/TraceClassVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java  
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jar/org/objectweb/asm/tree/analysis/BasicValue.java  
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jar/org/objectweb/asm/ClassVisitor.java  
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jar/org/objectweb/asm/tree/IntInsnNode.java  
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jar/org/objectweb/asm/commons/AdviceAdapter.java  
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jar/org/objectweb/asm/tree/LineNumberNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/AnnotationNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/optimizer/Constant.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/Context.java



\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/VarInsnNode.java  
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\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/InsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/MethodVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/util/CheckSignatureAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/ParameterNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/Item.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/JumpInsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/LocalVariableNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/MethodInsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/Opcodes.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/optimizer/JarOptimizer.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/TypeInsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/MethodNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/optimizer/NameMapping.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/StaticInitMerger.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/util/CheckFieldAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/InnerClassNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/Attribute.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/optimizer/Shrinker.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/util/CheckClassAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/analysis/SmallSet.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/SimpleRemapper.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/ClassReader.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/LocalVariablesSorter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/ByteVector.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/AnnotationWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/LdcInsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/FrameNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/analysis/Analyzer.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/TableSwitchGenerator.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/InsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/util/TraceMethodVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/Label.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/Handle.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/ClassWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/analysis/Interpreter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/analysis/Value.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/signature/SignatureReader.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/Remapper.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/MethodWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/RemappingMethodAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java  
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\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/TypePath.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/TypeReference.java

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\*/

/\*\*

\* Creates a new {@link AnalyzerAdapter}. *Subclasses must not use this*

\* constructor*.* Instead, they must use the

\* {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}

\* version.

\*

```

* @param owner
*     the owner's class name.
* @param access
*     the method's access flags (see { @link Opcodes}).
* @param name
*     the method's name.
* @param desc
*     the method's descriptor (see { @link Type Type}).
* @param mv
*     the method visitor to which this adapter delegates calls. May
*     be <tt>null</tt>.
* @throws IllegalStateException
*     If a subclass calls this constructor.
*/

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/commons/AnalyzerAdapter.java

```

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```

/****

```

```

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```

```
*/
/**
 * Constructs a new {@link Textifier}. Subclasses must not use this
 * constructor. Instead, they must use the {@link #Textifier(int)}
 * version.
 *
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/util/Textifier.java
```

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```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-frames.properties
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-writer.properties
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-resize.properties
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-annotations.properties
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-signatures.properties
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink.properties
```

## 1.37 sqlite 3.4.2

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## 1.38 jersey-media-json-jackson 2.22

## 1.39 zlib 1.2.1

### 1.39.1 Available under license :

```
/* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.1, November 17th, 2003
```

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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).

\*/

## 1.40 unbound 1.8.1rc1



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## 1.42 kerberos 1.10.3-65.el6

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cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
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  
lib/libgss/g\_context\_time.c  
lib/libgss/g\_delete\_sec\_context.c  
lib/libgss/g\_dsp\_name.c  
lib/libgss/g\_dsp\_status.c  
lib/libgss/g\_dup\_name.c  
lib/libgss/g\_exp\_sec\_context.c  
lib/libgss/g\_export\_name.c  
lib/libgss/g\_glue.c  
lib/libgss/g\_imp\_name.c  
lib/libgss/g\_imp\_sec\_context.c  
lib/libgss/g\_init\_sec\_context.c  
lib/libgss/g\_initialize.c  
lib/libgss/g\_inquire\_context.c  
lib/libgss/g\_inquire\_cred.c  
lib/libgss/g\_inquire\_names.c  
lib/libgss/g\_process\_context.c  
lib/libgss/g\_rel\_buffer.c  
lib/libgss/g\_rel\_cred.c  
lib/libgss/g\_rel\_name.c  
lib/libgss/g\_rel\_oid\_set.c  
lib/libgss/g\_seal.c  
lib/libgss/g\_sign.c  
lib/libgss/g\_store\_cred.c  
lib/libgss/g\_unseal.c  
lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
uts/common/gssapi/include/gssapi\_err\_generic.h  
uts/common/gssapi/include/mechglueP.h

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```
<!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=utf-8" />
  <title>MIT Kerberos License information &#8212; MIT Kerberos Documentation</title>
  <link rel="stylesheet" href="_static/agogo.css" type="text/css" />
  <link rel="stylesheet" href="_static/pygments.css" type="text/css" />
  <link rel="stylesheet" href="_static/kerb.css" type="text/css" />
  <script type="text/javascript">
    var DOCUMENTATION_OPTIONS = {
      URL_ROOT:    './',
      VERSION:    '1.17',
      COLLAPSE_INDEX: false,
      FILE_SUFFIX: '.html',
      HAS_SOURCE:  true,
      SOURCELINK_SUFFIX: '.txt'
    };
  </script>
  <script type="text/javascript" src="_static/jquery.js"></script>
  <script type="text/javascript" src="_static/underscore.js"></script>
  <script type="text/javascript" src="_static/doctools.js"></script>
  <link rel="author" title="About these documents" href="about.html" />
  <link rel="index" title="Index" href="genindex.html" />
  <link rel="search" title="Search" href="search.html" />
  <link rel="copyright" title="Copyright" href="copyright.html" />
  <link rel="next" title="Copyright" href="copyright.html" />
  <link rel="prev" title="MIT Kerberos features" href="mitK5features.html" />
</head>
<body>
  <div class="header-wrapper">
    <div class="header">

      <h1><a href="index.html">MIT Kerberos Documentation</a></h1>

    <div class="rel">
```

```

<a href="index.html" title="Full Table of Contents"
  accesskey="C">Contents</a> |
<a href="mitK5features.html" title="MIT Kerberos features"
  accesskey="P">previous</a> |
<a href="copyright.html" title="Copyright"
  accesskey="N">next</a> |
<a href="genindex.html" title="General Index"
  accesskey="I">index</a> |
<a href="search.html" title="Enter search criteria"
  accesskey="S">Search</a> |
<a href="mailto:krb5-bugs@mit.edu?subject=Documentation__MIT Kerberos License
information">feedback</a>
  </div>
</div>
</div>

<div class="content-wrapper">
<div class="content">
  <div class="document">

<div class="documentwrapper">
  <div class="bodywrapper">
    <div class="body" role="main">

<div class="section" id="mit-kerberos-license-information">
<span id="mitk5license"></span><h1>MIT Kerberos License information<a class="headerlink" href="#mit-
kerberos-license-information" title="Permalink to this headline"></a></h1>
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```

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<p>The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in

<code class="docutils literal"><span class="pre">src/lib/gssapi</span></code>, including the following files:</p>

<div class="highlight-default"><div class="highlight"><pre><span></span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">generic</span><span class="o"></span><span class="n">gssapi\_err\_generic</span><span class="o"></span><span class="n">et</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_accept\_sec\_context</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_acquire\_cred</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_canon\_name</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_compare\_name</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_context\_time</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_delete\_sec\_context</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_dsp\_name</span><span class="o"></span><span class="n">c</span></pre>



```
<span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g_rel_oid_set</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g_seal</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g_sign</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g_store_cred</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g_unseal</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g_userok</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g_utils</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g_verify</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">gssd_pname_to_uid</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">mglueP</span><span class="o"></span><span class="n">h</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">oid_ops</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">spnego</span><span class="o"></span><span class="n">gssapiP_spnego</span><span class="o"></span><span class="n">h</span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">spnego</span><span class="o"></span><span class="n">spnego_mech</span><span class="o"></span><span class="n">c</span></pre></div><div><p>and the initial implementation of incremental propagation, including the following new or changed files:</p><div class="highlight-default"><div class="highlight"><pre><span></span><span class="n">include</span><span class="o"></span><span class="n">iprop_hdr</span><span class="o"></span><span class="n">h</span><span class="n">kadmin</span><span class="o"></span><span class="n">server</span><span class="o"></span><span class="n">ipropd_svc</span><span class="o"></span><span class="n">c</span><span class="n">lib</span><span class="o"></span><span class="n">kdb</span><span class="o"></span><span></span></pre></div></div></div><hr/><div data-bbox="104 943 584 959" data-label="Page-Footer"><p>Open Source Used In Cisco Email Security Appliance AsyncOS 13.5.3 341</p></div>
```

```
class="n">iprop</span><span class="o">.</span><span class="n">x</span>
<span class="n">lib</span><span class="o"></span><span class="n">kdb</span><span class="o"></span><span class="n">kdb_convert</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o"></span><span class="n">kdb</span><span class="o"></span><span class="n">kdb_log</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o"></span><span class="n">kdb</span><span class="o"></span><span class="n">kdb_log</span><span class="o">.</span><span class="n">h</span>
<span class="n">lib</span><span class="o"></span><span class="n">krb5</span><span class="o"></span><span class="n">error_tables</span><span class="o"></span><span class="n">kdb5_err</span><span class="o">.</span><span class="n">et</span>
<span class="n">kprop</span><span class="o"></span><span class="n">kpropd_rpc</span><span class="o">.</span><span class="n">c</span>
<span class="n">kprop</span><span class="o"></span><span class="n">kproplog</span><span class="o">.</span><span class="n">c</span>
</pre></div>
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.. parsed-literal::

- lib/gssapi/generic/gssapi\_err\_generic.et
- lib/gssapi/mechglue/g\_accept\_sec\_context.c
- 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
- lib/gssapi/mechglue/g\_unseal.c
- lib/gssapi/mechglue/g\_userok.c
- lib/gssapi/mechglue/g\_utils.c
- lib/gssapi/mechglue/g\_verify.c
- lib/gssapi/mechglue/gssd\_pname\_to\_uid.c
- lib/gssapi/mechglue/mglueP.h
- lib/gssapi/mechglue/oid\_ops.c
- lib/gssapi/spnego/gssapiP\_spnego.h



lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

.. parsed-literal::

```
include/ipropr_hdr.h
kadmin/server/ipropr_svc.c
lib/kdb/ipropr.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c
```

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```
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"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=utf-8" />
  <title>Copyright &#8212; MIT Kerberos Documentation</title>
  <link rel="stylesheet" href="_static/agogo.css" type="text/css" />
  <link rel="stylesheet" href="_static/pygments.css" type="text/css" />
  <link rel="stylesheet" href="_static/kerb.css" type="text/css" />
  <script type="text/javascript">
    var DOCUMENTATION_OPTIONS = {
      URL_ROOT: './',
      VERSION: '1.17',
      COLLAPSE_INDEX: false,
      FILE_SUFFIX: '.html',
      HAS_SOURCE: true,
      SOURCELINK_SUFFIX: '.txt'
    };
  </script>
  <script type="text/javascript" src="_static/jquery.js"></script>
  <script type="text/javascript" src="_static/underscore.js"></script>
  <script type="text/javascript" src="_static/doctools.js"></script>
  <link rel="author" title="About these documents" href="about.html" />
```

```

<link rel="index" title="Index" href="genindex.html" />
<link rel="search" title="Search" href="search.html" />
<link rel="copyright" title="Copyright" href="#" />
<link rel="next" title="How to build this documentation from the source" href="build_this.html" />
<link rel="prev" title="MIT Kerberos License information" href="mitK5license.html" />
</head>
<body>
  <div class="header-wrapper">
    <div class="header">

      <h1><a href="index.html">MIT Kerberos Documentation</a></h1>

      <div class="rel">

        <a href="index.html" title="Full Table of Contents"
          accesskey="C">Contents</a> |
        <a href="mitK5license.html" title="MIT Kerberos License information"
          accesskey="P">previous</a> |
        <a href="build_this.html" title="How to build this documentation from the source"
          accesskey="N">next</a> |
        <a href="genindex.html" title="General Index"
          accesskey="I">index</a> |
        <a href="search.html" title="Enter search criteria"
          accesskey="S">Search</a> |
        <a href="mailto:krb5-bugs@mit.edu?subject=Documentation__Copyright">feedback</a>
      </div>
    </div>
  </div>

  <div class="content-wrapper">
    <div class="content">
      <div class="document">

        <div class="documentwrapper">
          <div class="bodywrapper">
            <div class="body" role="main">

              <div class="section" id="copyright">
                <h1>Copyright<a class="headerlink" href="#copyright" title="Permalink to this headline"></a></h1>
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                information.</p>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>

```



```

    </div>
  </div>
</div>
  </div>
  <div class="sidebar">
    <h2>On this page</h2>
    <ul>
<li><a class="reference internal" href="#">Copyright</a></li>
</ul>

  <br/>
  <h2>Table of contents</h2>
  <ul>
<li class="toctree-l1"><a class="reference internal" href="user/index.html">For users</a></li>
<li class="toctree-l1"><a class="reference internal" href="admin/index.html">For administrators</a></li>
<li class="toctree-l1"><a class="reference internal" href="appdev/index.html">For application developers</a></li>
<li class="toctree-l1"><a class="reference internal" href="plugindev/index.html">For plugin module
developers</a></li>
<li class="toctree-l1"><a class="reference internal" href="build/index.html">Building Kerberos V5</a></li>
<li class="toctree-l1"><a class="reference internal" href="basic/index.html">Kerberos V5 concepts</a></li>
<li class="toctree-l1"><a class="reference internal" href="formats/index.html">Protocols and file formats</a></li>
<li class="toctree-l1"><a class="reference internal" href="mitK5features.html">MIT Kerberos features</a></li>
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Documentation</a></li>
<li class="toctree-l1"><a class="reference internal" href="resources.html">Resources</a></li>
</ul>

  <br/>
  <h4><a href="index.html">Full Table of Contents</a></h4>
  <h4>Search</h4>
  <form class="search" action="search.html" method="get">
    <input type="text" name="q" size="18" />
    <input type="submit" value="Go" />
    <input type="hidden" name="check_keywords" value="yes" />
    <input type="hidden" name="area" value="default" />
  </form>
  </div>
  <div class="clearer"></div>
</div>
</div>

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  <div class="footer" >
    <div class="right" ><i>Release: 1.17</i><br />
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```
<div class="left">

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  >previous</a> |
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<a href="search.html" title="Enter search criteria"
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<a href="mailto:krb5-bugs@mit.edu?subject=Documentation__Copyright">feedback</a>
</div>
</div>
</div>
```

```
</body>
</html>
```

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lib/gssapi/generic/gssapi\_err\_generic.et  
lib/gssapi/mechglue/g\_accept\_sec\_context.c  
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  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
kprop/kpropd\_rpc.c  
kprop/kproplog.c



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import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
            if text_seen:
                warn(fname, ln, 'License begins after first line of comment')
            elif code_seen:
                warn(fname, ln, 'License after code')
            elif nonlicense_seen:
                warn(fname, ln, 'License after non-license comments')
            break
        # DB2 licenses start with '/*-' and we don't want to change them.
        if line != " and line != '-':
            text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if ' -*- mode: c;' in lines[ln]:

```

```

ln += 1

# Check filename comment if present.
m = re.match(r'^\* ([^ ]*)( - .*)? \*/', lines[ln])
if m:
    if m.group(1) != fname:
        warn(fname, ln, 'Wrong filename in comment')
    ln += 1

# Scan for license statements.
in_comment = False
code_seen = False
nonlicense_seen = False
for line in lines[ln:]:
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'^\*.*?\*/', '', line)
        line = line.strip()

    if not in_comment and '/*' in line:
        (line, sep, comment_part) = line.partition('/*')
        comment = [comment_part.strip()]
        comment_starts_at = ln
        in_comment = True
    elif in_comment and '*/' not in line:
        comment.append(line.lstrip('*').rstrip())
    elif in_comment:
        (comment_part, sep, line) = line.partition('*/')
        comment.append(comment_part.strip())
        is_license = check_comment(comment, fname, comment_starts_at,
                                   code_seen, nonlicense_seen)
        nonlicense_seen = nonlicense_seen or not is_license
        in_comment = False
    elif line.strip() != "":
        code_seen = True

ln += 1

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)
.. _mitK5license:

```

MIT Kerberos License information



```
=====
.. toctree::
   :hidden:
```

```
copyright.rst
```

```
.. include:: notice.rst
```

```
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```
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```

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```
/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*- */
/*
```

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```
*/
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## 1.43 libsepol 2.0.41-4.el6

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## 1.44 pcre 8.40

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THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel

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```
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```

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

Ty Coon, President of Vice

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# 1.48 python 2.6.4

## 1.48.1 Available under license :

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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.. \_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.

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
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	
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### Mersenne Twister

-----

The `:mod:'_random'` module includes code based on a download from <http://www.math.keio.ac.jp/matsumoto/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.keio.ac.jp/matumoto/emt.html>

email: [matumoto@math.keio.ac.jp](mailto:matumoto@math.keio.ac.jp)

## 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 Porschke <porschke@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

-----



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test\_epoll

-----

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Select kqueue

-----

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""

Additional handlers for the logging package for Python. The core package is based on PEP 282 and comments thereto in comp.lang.python, and influenced by Apache's log4j system.

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/\* parsermodule.c

\*

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\*

\* This module serves to replace the original parser module written  
\* by Guido. The functionality is not matched precisely, but the  
\* original may be implemented on top of this. This is desirable  
\* since the source of the text to be parsed is now divorced from  
\* this interface.

\*

\* Unlike the prior interface, the ability to give a parse tree  
\* produced by Python code as a tuple to the compiler is enabled by  
\* this module. See the documentation for more details.

\*

\* I've added some annotations that help with the lint code-checking  
\* program, but they're not complete by a long shot. The real errors  
\* that lint detects are gone, but there are still warnings with  
\* Py\_[X]DECREF() and Py\_[X]INCREF() macros. The lint annotations  
\* look like "NOTE(...)".

\*/

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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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2.1	2.0+1.6.1	2001	PSF	no
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```
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```

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## 1.50 stax-api 1.0.1

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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### Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

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This software includes a binary and/or source version of data from

mecab-ipadic-2.7.0-20070801

which can be obtained from

<http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz>

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/**  
 * Utf8 Appendable abstract base class  
 *  
 * This abstract class wraps a standard { @link java.lang.Appendable } and provides methods to append UTF-8  
 encoded bytes, that are converted into characters.  
 *  
 * This class is stateful and up to 4 calls to { @link #append(byte) } may be needed before state a character is  
 appended to the string buffer.  
 *  
 * The UTF-8 decoding is done by this class and no additional buffers or Readers are used. The UTF-8 code was  
 inspired by  
 * http://bjoern.hoehrmann.de/utf-8/decoder/dfa/  
 *  
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* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/thread/ShutdownThread.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/ClassLoadingObjectInputStream.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/Fields.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/CompletableCallback.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/BlockingCallback.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/component/AbstractLifeCycle.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/UrlEncoded.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/LeakDetector.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/IPAddressMap.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/HttpCookieStore.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/security/package-info.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/PatternMatcher.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/MemoryUtils.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/SocketAddressResolver.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/Utf8LineParser.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/annotation/ManagedObject.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/FuturePromise.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/ReadLineInputStream.java
```



\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-jar/org/eclipse/jetty/util/log/Slf4jLog.java

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\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-jar/org/eclipse/jetty/util/ArrayTrie.java

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\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-jar/org/eclipse/jetty/util/component/Dumpable.java

\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-jar/org/eclipse/jetty/util/log/Logger.java

\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-jar/org/eclipse/jetty/util/component/LifeCycle.java

\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-jar/org/eclipse/jetty/util/ByteArrayOutputStream2.java

\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-jar/org/eclipse/jetty/util/preventers/DriverManagerLeakPreventer.java

\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-jar/org/eclipse/jetty/util/security/CertificateUtils.java

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jar/org/eclipse/jetty/util/ArrayQueue.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/StringUtil.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/log/JettyAwareLogger.java
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jar/org/eclipse/jetty/util/ConcurrentHashSet.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/preventers/GCThreadLeakPreventer.java
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jar/org/eclipse/jetty/util/log/Log.java
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jar/org/eclipse/jetty/util/AbstractTrie.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
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jar/org/eclipse/jetty/util/IteratingCallback.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
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```

```
/**
```

```
 * @param c Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
 *           2=DC_CONFIDENTIAL
 */
```

```
/**
```

```
 * @return Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
 *          2=DC_CONFIDENTIAL
 */
```

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# 1.67 libsoup 2.62.3

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## 1.69 cpp 4.4.7-23.el6

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# 1.70 jersey-entity-filtering 2.22

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February 14, 2009

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## 1.76 tomcat-tribes 8.0.43

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## 1.77 tomcat-websocket 8.0.43

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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.

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## 1.79 jersey-server 2.22

## 1.80 jersey-client 2.22

## 1.81 Isof 4.90

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## 1.84 python 2.7

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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

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.

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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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## 1.85 curl 7.64.1

### 1.85.1 Available under license :

License Mixing

=====

libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](<https://www.gnu.org/licenses/gpl.html>) licensed code is not allowed to be linked with code licensed under the [Original BSD license](<https://spdx.org/licenses/BSD-4-Clause.html>) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](<https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs>). This particular problem was addressed when the [Modified BSD license](<https://opensource.org/licenses/BSD-3-Clause>) was created, which does not have the announcement clause that collides with GPL.

## libcurl

Uses an [MIT style license](<https://curl.haxx.se/docs/copyright.html>) that is very liberal.

## OpenSSL

(May be used for SSL/TLS support) Uses an Original BSD-style license with an announcement clause that makes it "incompatible" with GPL. You are not allowed to ship binaries that link with OpenSSL that includes GPL code (unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using another TLS library.

## GnuTLS

(May be used for SSL/TLS support) Uses the [LGPL](<https://www.gnu.org/licenses/lgpl.html>) license. If this is a problem for you, consider using another TLS library. Also note that GnuTLS itself depends on and uses other libs (libcrypt and libgpg-error) and they too are LGPL- or GPL-licensed.

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#### ## libressl

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#### ## c-ares

(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

(Used for compressed Transfer-Encoding support) Uses an MIT-style license

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#### ## OpenLDAP

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## 1.86 go-shellwords

02e3cf038dcea8290e44424da473dd12be796a8

a

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## 1.87 jetty-security 9.2.13.v20150730



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```

Found in path(s):

```
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/SpnegoUserIdentity.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/UserDataConstraint.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/IdentityService.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/ConstraintAware.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/JDBCLoginService.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/authentication/SpnegoAuthenticator.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/DefaultUserIdentity.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/authentication/BasicAuthenticator.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/SpnegoUserPrincipal.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/PropertyUserStore.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/RoleInfo.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/DefaultIdentityService.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/authentication/SessionAuthentication.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/authentication/LoginAuthenticator.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/RoleRunAsToken.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/authentication/DeferredAuthentication.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/DefaultAuthenticatorFactory.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/Authenticator.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
```

jar/org/eclipse/jetty/security/HashLoginService.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/authentication/FormAuthenticator.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/authentication/ClientCertAuthenticator.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/authentication/package-info.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/RunAsToken.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/ConstraintMapping.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/authentication/DigestAuthenticator.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/LoginService.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/MappedLoginService.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/UserAuthentication.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/package-info.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/SecurityHandler.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/AbstractUserAuthentication.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/HashCrossContextPseudoSession.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/CrossContextPseudoSession.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/authentication/LoginCallback.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/authentication/LoginCallbackImpl.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/SpnegoLoginService.java  
 \* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-  
 jar/org/eclipse/jetty/security/ServerAuthException.java

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\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/ConstraintSecurityHandler.java

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## 1.95 tomcat-jni 8.0.43

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Includes lib/servlet-api-2.4.jar from Apache Tomcat

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## 1.108 pcre 8.42

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## THE BASIC LIBRARY FUNCTIONS

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#
# Module Name: dbShelve.py
#
# Description: A reimplementation of the standard shelve.py that
#              forces the use of cPickle, and DB.
#
# Creation Date: 11/3/97 3:39:04PM
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""" robotparser.py
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Data was extracted from the Unicode 5.1 UnicodeData.txt file.

Written by Marc-Andre Lemburg (mal@lemburg.com).

Modified for Python 2.0 by Fredrik Lundh (fredrik@pythonware.com)

Modified by Martin v. L"wis (martin@v.loewis.de)

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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.

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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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(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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-----  
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-----

/\* Random objects \*/

/\* -----

The code in this module was based on a download from:  
<http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html>

It was modified in 2002 by Raymond Hettinger as follows:

\* the principal computational lines untouched except for tabbing.

\* renamed `genrand_res53()` to `random_random()` and wrapped  
in python calling/return code.

\* `genrand_int32()` and the helper functions, `init_genrand()`  
and `init_by_array()`, were declared static, wrapped in  
Python calling/return code. also, their global data  
references were replaced with structure references.

\* unused functions from the original were deleted.  
new, original C python code was added to implement the  
`Random()` interface.

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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Any feedback is very welcome.

<http://www.math.keio.ac.jp/matsumoto/emt.html>

email: [matumoto@math.keio.ac.jp](mailto:matumoto@math.keio.ac.jp)

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```
----- */
# subprocess - Subprocesses with accessible I/O streams
#
# For more information about this module, see PEP 324.
#
# This module should remain compatible with Python 2.2, see PEP 291.
#
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```
----- */
# ElementTree
# $Id: ElementInclude.py 1862 2004-06-18 07:31:02Z Fredrik $
#
# limited xinclude support for element trees
#
# history:
# 2003-08-15 fl created
# 2003-11-14 fl fixed default loader
#
# Copyright (c) 2003-2004 by Fredrik Lundh. All rights reserved.
#
# fredrik@pythonware.com
# http://www.pythonware.com
#
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# The ElementTree toolkit is
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# -----
```



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#-----

# tarfile.py

#-----

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```
# Original version written by Greg Stein (gstein@lyra.org)
#           and Bill Tutt (rassilon@lima.mudlib.org)
# February 1997.
#
# Modifications and improvements for Python 2.0 by Jeremy Hylton and
# Mark Hammond
#
# Some fixes to try to have correct line number on almost all nodes
# (except Module, Discard and Stmt) added by Sylvain Thenault
#
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/* microprotocols.c - minimalist and non-validating protocols implementation
*
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#
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#
# $Id: test_dbtables.py 66088 2008-08-31 14:00:51Z jesus.cea $
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```

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```
# install - install a program, script, or datafile
```

```
#
```

```
# This originates from X11R5 (mit/util/scripts/install.sh), which was
```

```
# later released in X11R6 (xc/config/util/install.sh) with the
```

```
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Original author: Hans Boehm, HP Labs

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#

# re-compatible interface for the sre matching engine

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Mersenne Twister

-----

The `:mod:'_random'` module includes code based on a download from <http://www.math.keio.ac.jp/matsumoto/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.keio.ac.jp/matumoto/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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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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/\* zlib.h -- interface of the 'zlib' general purpose compression library

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```

```
func initApache2() {  
    Licenses["apache"] = License{  
        Name: "Apache 2.0",  
        PossibleMatches: []string{"apache", "apache20", "apache 2.0", "apache2.0", "apache-2.0"},  
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```
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```

```
package cmd
```

```
func initGpl3() {
```

```
    Licenses["gpl3"] = License{
```

```
        Name: "GNU General Public License 3.0",
```

```
        PossibleMatches: []string{"gpl3", "gplv3", "gpl", "gnu gpl3", "gnu gpl"},
```

```
        Header: `{{.copyright}}`
```

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Version 3, 29 June 2007

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```
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```
`  
`  
`  
`  
package cmd
```

```
func initAgpl() {  
Licenses["agpl"] = License{  
Name: "GNU Affero General Public License",  
PossibleMatches: []string{"agpl", "affero gpl", "gnu agpl"},  
Header: `{{.copyright}}`  
}
```

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```
`  
`  
}  
}  
package cmd  
  
func initLgpl() {  
    Licenses["lgpl"] = License{  
        Name: "GNU Lesser General Public License",  
        PossibleMatches: []string{"lgpl", "lesser gpl", "gnu lgpl"},  
        Header: `{{.copyright}}`  
    }  
}
```

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}  
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```

```
package cmd
```

```
func initMit() {  
    Licenses["mit"] = License{  
        Name:      "Mit",  
        PossibleMatches: []string{"mit"},  
        Header: `
```

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```
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}  
}
```

```
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```

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//
```

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```

```
package cmd
```

```
func initBsdClause2() {
Licenses["freebsd"] = License{
  Name: "Simplified BSD License",
  PossibleMatches: []string{"freebsd", "simpbsd", "simple bsd", "2-clause bsd",
    "2 clause bsd", "simplified bsd license"},
  Header: `
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```

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}  
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```

```
package cmd
```

```
import (  
    "strings"  
    "time"  
  
    "github.com/spf13/viper"  
)  
  
// Licenses contains all possible licenses a user can choose from.  
var Licenses = make(map[string]License)  
  
// License represents a software license agreement, containing the Name of  
// the license, its possible matches (on the command line as given to cobra),  
// the header to be used with each file on the file's creating, and the text  
// of the license  
type License struct {  
    Name          string // The type of license in use  
    PossibleMatches []string // Similar names to guess  
    Text          string // License text data  
    Header        string // License header for source files  
}  
  
func init() {  
    // Allows a user to not use a license.
```

```
Licenses["none"] = License{"None", []string{"none", "false"}, "", ""}
```

```
initApache2()  
initMit()  
initBsdClause3()  
initBsdClause2()  
initGpl2()  
initGpl3()  
initLgpl()  
initAgpl()  
}
```

```
// getLicense returns license specified by user in flag or in config.  
// If user didn't specify the license, it returns Apache License 2.0.
```

```
//
```

```
// TODO: Inspect project for existing license
```

```
func getLicense() License {  
    // If explicitly flagged, use that.  
    if userLicense != "" {  
        return findLicense(userLicense)  
    }  
}
```

```
// If user wants to have custom license, use that.
```

```
if viper.IsSet("license.header") || viper.IsSet("license.text") {  
    return License{Header: viper.GetString("license.header"),  
        Text: "license.text"}  
}
```

```
// If user wants to have built-in license, use that.
```

```
if viper.IsSet("license") {  
    return findLicense(viper.GetString("license"))  
}
```

```
// If user didn't set any license, use Apache 2.0 by default.
```

```
return Licenses["apache"]  
}
```

```
func copyrightLine() string {  
    author := viper.GetString("author")  
    year := time.Now().Format("2006")  
  
    return "Copyright " + year + " " + author  
}
```

```
// findLicense looks for License object of built-in licenses.
```

```
// If it didn't find license, then the app will be terminated and  
// error will be printed.
```

```
func findLicense(name string) License {
```

```

found := matchLicense(name)
if found == "" {
    er("unknown license: " + name)
}
return Licenses[found]
}

// matchLicense compares the given a license name
// to PossibleMatches of all built-in licenses.
// It returns blank string, if name is blank string or it didn't find
// then appropriate match to name.
func matchLicense(name string) string {
    if name == "" {
        return ""
    }

    for key, lic := range Licenses {
        for _, match := range lic.PossibleMatches {
            if strings.EqualFold(name, match) {
                return key
            }
        }
    }

    return ""
}

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package cmd

func initGpl2() {
    Licenses["gpl2"] = License{
        Name: "GNU General Public License 2.0",
        PossibleMatches: []string{"gpl2", "gnu gpl2", "gplv2"},
        Header: `{{.copyright}}`
    }
}

```

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```
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```

```
func initBsdClause3() {  
    Licenses["bsd"] = License{  
        Name: "NewBSD",  
        PossibleMatches: []string{"bsd", "newbsd", "3 clause bsd", "3-clause bsd"},  
        Header: `  
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# 1.119 tomcat-servlet-api 8.0.43

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## 1.121 guava 18.0

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```
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```

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```

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\* /opt/cola/permits/1134796780\_1613422074.14/0/archive-259-zip/CharacterIterator.java  
\* /opt/cola/permits/1134796780\_1613422074.14/0/archive-259-zip/RE.java  
\* /opt/cola/permits/1134796780\_1613422074.14/0/archive-259-zip/recompile.java  
\* /opt/cola/permits/1134796780\_1613422074.14/0/archive-259-zip/RESyntaxException.java  
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\* /opt/cola/permits/1134796780\_1613422074.14/0/archive-259-zip/REDemo.java  
\* /opt/cola/permits/1134796780\_1613422074.14/0/archive-259-zip/ReaderCharacterIterator.java  
\* /opt/cola/permits/1134796780\_1613422074.14/0/archive-259-zip/CharArrayCharacterIterator.java

- \* /opt/cola/permits/1134796780\_1613422074.14/0/archive-259-zip/RETest.java
- \* /opt/cola/permits/1134796780\_1613422074.14/0/archive-259-zip/StringCharacterIterator.java

## 1.130 openssl 0.9.8q

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## 1.131 jetty-continuation 9.2.13.v20150730



# 1.132 heimdal 0.6.3

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Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>  
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>  
@author Paulo Barreto <paulo.barreto@terra.com.br>

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kdc/announce.c

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@heading Richard Outerbridge

DES core in libcrypto

@verbatim

D3DES (V5.09) -

A portable, public domain, version of the Data Encryption Standard.

Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge.

Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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(GEnie : OUTER; CIS : [71755,204]) Graven Imagery, 1992.

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Windows support

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lib/hcrypto/test\_dh.c

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## 1.133 libjpeg 9b

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### 1.133.2 Available under license :

The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998

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Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at [jpeg-info@uunet.uu.net](mailto:jpeg-info@uunet.uu.net) to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

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

=====

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.  
coderules.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.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

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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.

We are required to state that

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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](ftp://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](http://rtfm.mit.edu): <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 PBPLUS/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

=====

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).

## 1.134 libarchive 3.3.2

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@display

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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.

#### @subheading TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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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.

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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.

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

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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

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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.

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.

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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.

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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.

@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.

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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.

@item

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

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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.)

@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

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.

@item

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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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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@subheading END OF TERMS AND CONDITIONS

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@subheading How to Apply These Terms to Your New Libraries

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@smallexample

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

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

Ty Coon, President of Vice

@end smallexample

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You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

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If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, 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 Program, 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 Program.

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

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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; or,

@item

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

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Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

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The source code for a work means the preferred form of the work for

making modifications to it. For an executable work, 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 executable. 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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@page

@heading Appendix: How to Apply These Terms to Your New Programs

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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 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 program's name and a brief idea of what it does.}

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@end smallexample

The hypothetical commands @samp{show w} and @samp{show c} should show

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

```
@var{signature of Ty Coon}, 1 April 1989
Ty Coon, President of Vice
@end example
```

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minibz2

libbz2.dll test program.

by Yoshioka Tsuneo ([tsuneo@rr.iij4u.or.jp](mailto:tsuneo@rr.iij4u.or.jp))

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# 1.142 tomcat-jasper 8.0.43

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## 1.143 libjpeg 6b

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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://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/>. 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 PBPLUS/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).

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## 1.145 slf4j 1.7.16

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```
<!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>SLF4J License</title>
    <link rel="stylesheet" type="text/css" media="screen" href="css/site.css" />
  </head>
  <body>
    <script type="text/javascript">prefix=";</script>

    <script src="templates/header.js" type="text/javascript"></script>
    <div id="left">
      <script src="templates/left.js" type="text/javascript"></script>
    </div>
    <div id="content">
```

```
<h1>Licensing terms for SLF4J</h1>
```

```
<p>SLF4J source code and binaries are distributed under the
MIT license.
</p>
```

```
<div class="source">
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```

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<script src="templates/footer.js" type="text/javascript"></script>

</div>

</body>

</html>

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## 1.147 tomcat-catalina-ha 8.0.43

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## 1.148 logrus

**3d4380f53a34dc95f0c1db702615992b38d9a**

### 4

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## Constant-time SSSE3 AES core implementation.

## version 0.1

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## By Mike Hamburg (Stanford University), 2009

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Written by: Philip Hazel  
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## 1.152 jersey-media-jaxb 2.22

## 1.153 go-playground-validator

**6f98212623666681e8d451d956f32078f82f5bdf**

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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Found in path(s):

- \* /opt/cola/permits/1000738750\_1654022966.462261/0/tiger-types-1-4-sources-jar/org/jvnet/tiger\_types/WildcardTypeImpl.java
- \* /opt/cola/permits/1000738750\_1654022966.462261/0/tiger-types-1-4-sources-jar/org/jvnet/tiger\_types/TypeVisitor.java
- \* /opt/cola/permits/1000738750\_1654022966.462261/0/tiger-types-1-4-sources-jar/org/jvnet/tiger\_types/Lister.java
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- \* /opt/cola/permits/1000738750\_1654022966.462261/0/tiger-types-1-4-sources-jar/org/jvnet/tiger\_types/ParameterizedTypeImpl.java

## 1.169 icu 56

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# 1.171 properties 1.7.6

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```
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jseward@bzip.org  
bzip2/libbzip2 version 1.0.4 of 20 December 2006

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Written by: Philip Hazel  
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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.

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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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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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## 1.177 tokyo-cabinet 1.4.48

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jar/javax/ws/rs/client/Entity.java  
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jar/javax/ws/rs/core/NoContentException.java
* /opt/cola/permits/1000741842_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-
jar/javax/ws/rs/Priorities.java
* /opt/cola/permits/1000741842_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-
jar/javax/ws/rs/client/ResponseProcessingException.java
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\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ext/InterceptorContext.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/NameBinding.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/Feature.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ext/ReaderInterceptor.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ext/WriterInterceptor.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/container/DynamicFeature.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/MultivaluedHashMap.java

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- \* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/client/Client.java
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jar/javax/ws/rs/client/Invocation.java

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\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/HEAD.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/NewCookie.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/UriBuilder.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/POST.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/DefaultValue.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ApplicationPath.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/DELETE.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/package-info.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/Application.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/QueryParam.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/PathParam.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/PUT.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/Cookie.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/Variant.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/Consumes.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/client/FactoryFinder.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/HttpHeaders.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-

```
jar/javax/ws/rs/FormParam.java
* /opt/cola/permits/1000741842_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-
jar/javax/ws/rs/core/EntityTag.java
* /opt/cola/permits/1000741842_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-
jar/javax/ws/rs/Produces.java
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*/
/**
* Convert the supplied value to a String.
```

```

* <p>
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* non-portable code.
* </p>
*
* @param value the value of type { @code T }.
* @return a String representation of the value.
*
* @throws IllegalArgumentException if the supplied object cannot be
*         serialized or is { @code null }.
*/

```

Found in path(s):

```

* /opt/cola/permits/1000741842_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-
jar/javax/ws/rs/ext/ParamConverter.java

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\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/MultivaluedMap.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/GenericType.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/Path.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/PathSegment.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ext/Provider.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ext/MessageBodyWriter.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ext/package-info.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/HeaderParam.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/StreamingOutput.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ext/ExceptionMapper.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/UriBuilderException.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/Encoded.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ext/Providers.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ext/ContextResolver.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/Context.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/package-info.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/core/SecurityContext.java

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jar/javax/ws/rs/WebApplicationException.java
* /opt/cola/permits/1000741842_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-
jar/javax/ws/rs/core/Response.java
* /opt/cola/permits/1000741842_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-
jar/javax/ws/rs/core/CacheControl.java
* /opt/cola/permits/1000741842_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-
```



jar/javax/ws/rs/core/MediaType.java

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jar/javax/ws/rs/container/Suspended.java

\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-

jar/javax/ws/rs/core/FeatureContext.java

\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ConstrainedTo.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/RuntimeType.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/container/ConnectionCallback.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/container/TimeoutHandler.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/container/ResourceContext.java  
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\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/BeanParam.java

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jar/javax/ws/rs/InternalServerErrorException.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/ClientErrorException.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/NotAcceptableException.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/RedirectionException.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/BadRequestException.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/core/Configuration.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/ServiceUnavailableException.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/client/ClientResponseFilter.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/container/ContainerResponseFilter.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/container/ContainerRequestContext.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/core/AbstractMultivaluedMap.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/container/ContainerRequestFilter.java  
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jar/javax/ws/rs/container/PreMatching.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/client/ClientRequestFilter.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/NotAuthorizedException.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/NotAllowedException.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/container/AsyncResponse.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/client/ClientResponseContext.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-

jar/javax/ws/rs/ForbiddenException.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/NotSupportedException.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/ServerErrorException.java  
\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-  
jar/javax/ws/rs/client/ClientRequestContext.java  
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\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/ext/ParamConverterProvider.java

\* /opt/cola/permits/1000741842\_1654022862.0826519/0/javax-ws-rs-api-2-0-1-sources-jar/javax/ws/rs/container/ContainerResponseContext.java

# 1.179 tomcat-i18n-fr 8.0.43

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# 1.180 trove4j 2.1.0

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```
* /opt/cola/permits/1110910367_1606871910.37/0/slf4j-api-1-7-5-sources-2-
jar/org/slf4j/impl/StaticLoggerBinder.java
* /opt/cola/permits/1110910367_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/BasicMarker.java
* /opt/cola/permits/1110910367_1606871910.37/0/slf4j-api-1-7-5-sources-2-
jar/org/slf4j/helpers/BasicMDCAdapter.java
* /opt/cola/permits/1110910367_1606871910.37/0/slf4j-api-1-7-5-sources-2-
jar/org/slf4j/spi/LocationAwareLogger.java
* /opt/cola/permits/1110910367_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/IMarkerFactory.java
```

\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/ILoggerFactory.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/impl/StaticMDCBinder.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/spi/MarkerFactoryBinder.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/NamedLoggerBase.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/MarkerFactory.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/NOPLogger.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/spi/LoggerFactoryBinder.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/spi/MDCAdapter.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/LoggerFactory.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/BasicMarkerFactory.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/Logger.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/MessageFormatter.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/FormattingTuple.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/impl/StaticMarkerBinder.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/NOPLoggerFactory.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/NOPMDCAdapter.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/Util.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/SubstituteLoggerFactory.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/MDC.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/Marker.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/MarkerIgnoringBase.java

## 1.182 cast

acbeb36b902d72a7a4c18e8f3241075e7ab763e

4

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\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/PongMessage.java

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\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/META-INF/maven/javax.websocket/javax.websocket-api/pom.xml

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Found in path(s):

\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/SendHandler.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/EncodingException.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/ContainerProvider.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/OnOpen.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/WebSocketContainer.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/EndpointConfig.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/OnError.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/DecodeException.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/OnClose.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/server/ServerEndpointConfig.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/DefaultClientEndpointConfig.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/server/package-info.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/server/PathParam.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/server/ServerEndpoint.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/MessageHandler.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/ClientEndpointConfig.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/Decoder.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/Encoder.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/HandshakeResponse.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-

jar/javax/websocket/RemoteEndpoint.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-  
jar/javax/websocket/OnMessage.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-  
jar/javax/websocket/package-info.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-  
jar/javax/websocket/server/ServerContainer.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-  
jar/javax/websocket/DeploymentException.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-  
jar/javax/websocket/SendResult.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-  
jar/javax/websocket/server/DefaultServerEndpointConfig.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-  
jar/javax/websocket/CloseReason.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-  
jar/javax/websocket/server/HandshakeRequest.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-  
jar/javax/websocket/Endpoint.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-  
jar/javax/websocket/ClientEndpoint.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-  
jar/javax/websocket/server/ServerApplicationConfig.java

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\*/opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-  
jar/javax/websocket/Session.java

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## 1.187 jansson 2.5

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## 1.188 ncurses 5.7-4.20090207.el6

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* /opt/cola/permits/1001100689_1651084720.69/0/jetty-xml-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/xml/XmlConfiguration.java
* /opt/cola/permits/1001100689_1651084720.69/0/jetty-xml-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/xml/XmlAppendable.java
* /opt/cola/permits/1001100689_1651084720.69/0/jetty-xml-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/xml/ConfigurationProcessor.java
* /opt/cola/permits/1001100689_1651084720.69/0/jetty-xml-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/xml/ConfigurationProcessorFactory.java
* /opt/cola/permits/1001100689_1651084720.69/0/jetty-xml-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/xml/XmlParser.java
* /opt/cola/permits/1001100689_1651084720.69/0/jetty-xml-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/xml/package-info.java
```

## 1.190 expat 2.1.1

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Found in path(s):

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/builder/DiffBuilder.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/builder/JaxbBuilder.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/ComparisonFormatter.java

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\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/util/Nodes.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/validation/Languages.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/ElementSelector.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/XPathContext.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/util/Linqy.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/package-info.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/ElementSelectors.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/validation/ParsingValidator.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/package-info.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/ComparisonControllers.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/Diff.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/validation/package-info.java

\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/NodeFilters.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/Difference.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/input/CommentLessSource.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/ComparisonListenerSupport.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/builder/AbstractTransformationBuilder.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/builder/TransformationBuilderInterface.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/NodeMatcher.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/ChildNodeXPathContextProvider.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/ComparisonController.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/transform/package-info.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/validation/Validator.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/RecursiveXPathBuilder.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/DefaultNodeMatcher.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/util/Mapper.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/XMLUnitException.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/AbstractDifferenceEngine.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/validation/ValidationResult.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/xpath/JAXPXPathEngine.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/validation/JAXPValidator.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/ComparisonListener.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/util/package-info.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/transform/Transformation.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/builder/package-info.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/diff/DifferenceEvaluator.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-

jar/org/xmlunit/diff/DifferenceEngine.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/diff/DOMDifferenceEngine.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/ConfigurationException.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/diff/Comparison.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/diff/ComparisonType.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/diff/DefaultConditionalSelectorBuilder.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/util/Convert.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/diff/ComparisonResult.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/input/WhitespaceNormalizedSource.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/diff/DifferenceEvaluators.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/validation/ValidationProblem.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/xpath/XPathEngine.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/builder/Transform.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/diff/DefaultComparisonFormatter.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/util/Predicate.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/xpath/package-  
info.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/diff/ByNameAndTextRecSelector.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/input/NormalizedSource.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/input/WhitespaceStrippedSource.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/util/IsNullPredicate.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/util/IterableNodeList.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-jar/org/xmlunit/builder/Input.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/validation/ValidationHandler.java  
\* /opt/cola/permits/1151187913\_1617805373.39/0/xmlunit-core-2-3-0-sources-5-  
jar/org/xmlunit/diff/MultiLevelByNameAndTextSelector.java

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# 1.193 wiremock-standalone 2.5.1

# 1.194 libpcap 1.4.0

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```

Found in path(s):

```
* /opt/cola/permits/1000738334_1651084663.26/0/accessors-smart-1-1-sources-  
jar/net/minidev/asm/BeansAccess.java  
* /opt/cola/permits/1000738334_1651084663.26/0/accessors-smart-1-1-sources-jar/net/minidev/asm/Accessor.java  
* /opt/cola/permits/1000738334_1651084663.26/0/accessors-smart-1-1-sources-  
jar/net/minidev/asm/DynamicClassLoader.java
```

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Julian Seward, jseward@bzip.org  
bzip2/libbzip2 version 1.0.5 of 10 December 2007

## 1.201 bean-validation-api 1.1.0

## 1.202 file 5.29

## 1.203 jetty-webapp 9.2.13.v20150730

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- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/DescriptorProcessor.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/IterativeDescriptorProcessor.java
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- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/WebDescriptor.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/WebAppClassLoader.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/WebXmlConfiguration.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/DiscoveredAnnotation.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/WebAppContext.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/DefaultsDescriptor.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/JarScanner.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/FragmentDescriptor.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/MetaData.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/MetaDataComplete.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/Configuration.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/AbstractConfiguration.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/FragmentConfiguration.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/CloneConfiguration.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/MetaInfConfiguration.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/package-info.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/OverrideDescriptor.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/StandardDescriptorProcessor.java

\* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/Descriptor.java  
\* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/WebInfConfiguration.java  
\* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/JettyWebXmlConfiguration.java  
\* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/Ordering.java  
\* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/ClasspathPattern.java

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\* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/about.html

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## 1.205 tomcat-jasper-el 8.0.43

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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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## 1.207 openssl 1.0.1u

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## 1.210 jopt-simple 4.9

## 1.211 bcmail 1.34.0

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## 1.213 jetty-continuation 9.2.1.v20140609

## 1.214 jackson-dataformat-yaml 2.9.5

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\* This is a special exception that is used to stop parsing when  
\* search for an element. For instance, when searching for xml:stylesheet  
\* PIs, it is used to stop the parse once the document element is found.  
\* @see StylesheetPIHandler  
\* @xsl.usage internal

\*/

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jar/org/apache/xml/serializer/output\_text.properties  
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jar/org/apache/xml/serializer/Encodings.properties  
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jar/org/apache/xalan/xsltc/compiler/Makefile.inc  
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jar/org/apache/xalan/xsltc/compiler/AttributeValueTemplate.java  
\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/processor/ProcessorPreserveSpace.java  
\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_hu.java  
\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xml/utils/SAXSourceLocator.java  
\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/RedundentExprEliminator.java  
\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/serializer/SerializerMessages\_ja.java  
\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/trax/SmartTransformerFactoryImpl.java  
\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/FuncTranslate.java  
\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/extensions/ExpressionVisitor.java

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources\_ko.java

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Include.java

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Found in path(s):

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/XPathLexer.java

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\*/

/\*

\* \$Id: XSLProcessorVersion.src 468640 2006-10-28 06:53:53Z minchau \$

\*/

```

package org.apache.xalan.processor;

/**
 * Administrative class to keep track of the version number of
 * the Xalan release.
 * <P>See also: org/apache/xalan/res/XSLTInfo.properties</P>
 * @deprecated To be replaced by org.apache.xalan.Version.getVersion()
 * @xsl.usage general
 */
public class XSLProcessorVersion
{

/**
 * Print the processor version to the command line.
 *
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
    System.out.println(S_VERSION);
}

/**
 * Constant name of product.
 */
public static final String PRODUCT = "Xalan";

/**
 * Implementation Language.
 */
public static final String LANGUAGE = "Java";

/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 *
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
public static final int VERSION = @version.VERSION@;

/**
 * Release Number.
 * Release number. This changes when:

```

```

*     - a new set of functionality is to be added, eg,
*       implementation of a new W3C specification.
*     - API or behaviour change.
*     - its designated as a reference release.
*/
public static final int RELEASE = @version.RELEASE@;

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.
 * When missing, it designates the final and complete
 * development drop for a release.
 */
public static final int MAINTENANCE = @version.MINOR@;

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 *
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 *
 * Each 'D' drops can contain functional enhancements as
 * well as defect fixes. 'D' drops may not be as stable as
 * the final releases.
 */
public static final int DEVELOPMENT = 0;

/**
 * Version String like <CODE>"<B>Xalan</B> <B>Language</B>
 * v.r[.dd] <B>D</B>nn]"</CODE>.
 * <P>Semantics of the version string are identical to the Xerces project.</P>
 */
public static final String S_VERSION = PRODUCT+" "+LANGUAGE+" "
    +VERSION+"."+RELEASE+"."
    +(DEVELOPMENT > 0 ? ("D"+DEVELOPMENT)
    : (""+MAINTENANCE));
}

```



Found in path(s):

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/XSLProcessorVersion.src

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\*/

/\*\*

\* Major version number.  
\* Version number. This changes only when there is a  
\* significant, externally apparent enhancement from  
\* the previous release. 'n' represents the n'th  
\* version.  
\*  
\* Clients should carefully consider the implications  
\* of new versions as external interfaces and behaviour  
\* may have changed.

\*/

Found in path(s):

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.java

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/XSLProcessorVersion.java

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.java

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* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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* limitations under the License.
*/
// Proprietary, built in functions
/** current function string (Proprietary). */
```

Found in path(s):

```
* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xpath/compiler/Keywords.java
```

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* limitations under the License.
*/
```

```
/*
* $Id: xpath.cup 1225752 2011-12-30 04:12:46Z mrglavas $
*/
```

```
/*
* @author Jacek Ambroziak
* @author Santiago Pericas-Geertsen
* @author Morten Jorgensen
* @author G. Todd Miller
*/
```

```
package org.apache.xalan.xsltc.compiler;
```

```

import java.util.Stack;
import java.util.Vector;
import java.io.StringReader;
import java_cup.runtime.*;

import org.apache.xml.dtm.DTM;
import org.apache.xalan.xsltc.DOM;
import org.apache.xml.dtm.Axis;
import org.apache.xalan.xsltc.runtime.Operators;
import org.apache.xalan.xsltc.compiler.util.ErrorMsg;

parser code {
    /**
     * Used by function calls with no args.
     */
    static public final Vector EmptyArgs = new Vector(0);

    /**
     * Reference to non-existing variable.
     */
    static public final VariableRef DummyVarRef = null;

    /**
     * Reference to the Parser class.
     */
    private Parser _parser;
    private XSLTC _xsltc;

    /**
     * String representation of the expression being parsed.
     */
    private String _expression;

    /**
     * Line number where this expression/pattern was declared.
     */
    private int _lineNumber = 0;

    /**
     * Reference to the symbol table.
     */
    public SymbolTable _symbolTable;

    public XPathParser(Parser parser) {
        _parser = parser;
        _xsltc = parser.getXSLTC();
        _symbolTable = parser.getSymbolTable();
    }

```

```

}

public int getLineNumber() {
    return _lineNumber;
}

public QName getQNameIgnoreDefaultNs(String name) {
    return _parser.getQNameIgnoreDefaultNs(name);
}

public QName getQName(String namespace, String prefix, String localname) {
    return _parser.getQName(namespace, prefix, localname);
}

public void setMultiDocument(boolean flag) {
    _xsltc.setMultiDocument(flag);
}

public void setCallsNodeset(boolean flag) {
    _xsltc.setCallsNodeset(flag);
}

public void setHasIdCall(boolean flag) {
    _xsltc.setHasIdCall(flag);
}

/**
 * This method is similar to findNodeType(int, Object) except that it
 * creates a StepPattern instead of just returning a node type. It also
 * differs in the way it handles "{uri}:*" and "{uri}:@*". The last two
 * patterns are expanded as "*[namespace-uri() = 'uri']" and
 * "@*[namespace-uri() = 'uri']", respectively. This expansion considerably
 * simplifies the grouping of patterns in the Mode class. For this
 * expansion to be correct, the priority of the pattern/template must be
 * set to -0.25 (when no other predicates are present).
 */
public StepPattern createStepPattern(int axis, Object test, Vector predicates) {
int nodeType;

if (test == null) { // "*"
    nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE :
(axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;

    return new StepPattern(axis, nodeType, predicates);
}
else if (test instanceof Integer) {
nodeType = ((Integer) test).intValue();

```

```

return new StepPattern(axis, nodeType, predicates);
    }
    else {
QName name = (QName)test;
boolean setPriority = false;

    if (axis == Axis.NAMESPACE) {
nodeType = (name.toString().equals("*")) ? -1
: _xsltC.registerNamespacePrefix(name);
    }
    else {
final String uri = name.getNamespace();
final String local = name.getLocalPart();
final QName namespace_uri =
    _parser.getQNameIgnoreDefaultNs("namespace-uri");

// Expand {uri}:* to *[namespace-uri() = 'uri'] - same for @*
if (uri != null && (local.equals("") || local.equals("@*"))) {
    if (predicates == null) {
predicates = new Vector(2);
    }

// Priority is set by hand if no other predicates exist
setPriority = (predicates.size() == 0);

    predicates.add(
new Predicate(
    new EqualityExpr(Operators.EQ,
new NamespaceUriCall(namespace_uri),
new LiteralExpr(uri)));
    }

if (local.equals("")) {
    nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
: NodeTest.ELEMENT;
    }
    else if (local.equals("@*")) {
    nodeType = NodeTest.ATTRIBUTE;
    }
    else {
    nodeType = (axis == Axis.ATTRIBUTE) ? _xsltC.registerAttribute(name)
: _xsltC.registerElement(name);
    }
    }

final StepPattern result = new StepPattern(axis, nodeType, predicates);

```

```

    // Set priority for case prefix:* and prefix:@* (no predicates)
    if (setPriority) {
result.setPriority(-0.25);
    }

    return result;
}
}

public int findNodeType(int axis, Object test) {
if (test == null) { // *
    return (axis == Axis.ATTRIBUTE) ?
NodeTest.ATTRIBUTE :
(axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;
    }
    else if (test instanceof Integer) {
        return ((Integer)test).intValue();
    }
    else {
        QName name = (QName)test;

        if (axis == Axis.NAMESPACE) {
return (name.toString().equals("")) ? -1
: _xsltc.registerNamespacePrefix(name);
        }

        if (name.getNamespace() == null) {
final String local = name.getLocalPart();

if (local.equals("")) {
    return (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
: NodeTest.ELEMENT;
}
else if (local.equals("@*")) {
    return NodeTest.ATTRIBUTE;
}
}

        return (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name)
: _xsltc.registerElement(name);
    }
}

/**
 * Parse the expression passed to the current scanner. If this
 * expression contains references to local variables and it will be
 * compiled in an external module (not in the main class) request
 * the current template to create a new variable stack frame.

```

```

*
* @param lineNumber Line where the current expression is defined.
* @param external Set to <tt>true</tt> if this expression is
*     compiled in a separate module.
*
*/
public Symbol parse(String expression, int lineNumber) throws Exception {
    try {
        _expression = expression;
        _lineNumber = lineNumber;
        return super.parse();
    }
    catch (IllegalCharException e) {
        ErrorMsg err = new ErrorMsg(ErrorMsg.ILLEGAL_CHAR_ERR,
            lineNumber, e.getMessage());
        _parser.reportError(Constants.FATAL, err);
    }
    return null;
}

/**
* Lookup a variable or parameter in the symbol table given its name.
*
* @param name Name of the symbol being looked up.
*/
final SyntaxTreeNode lookupName(QName name) {
    // Is it a local var or param ?
    final SyntaxTreeNode result = _parser.lookupVariable(name);
    if (result != null)
        return(result);
    else
        return(_symbolTable.lookupName(name));
}

public final void addError(ErrorMsg error) {
    _parser.reportError(Constants.ERROR, error);
}

public void report_error(String message, Object info) {
    final ErrorMsg err = new ErrorMsg(ErrorMsg.SYNTAX_ERR, _lineNumber,
        _expression);
    _parser.reportError(Constants.FATAL, err);
}

public void report_fatal_error(String message, Object info) {
    // empty
}

```

```

    public RelativeLocationPath insertStep(Step step, RelativeLocationPath rlp) {
    if (rlp instanceof Step) {
        return new ParentLocationPath(step, (Step) rlp);
    }
    else if (rlp instanceof ParentLocationPath) {
        final ParentLocationPath plp = (ParentLocationPath) rlp;
        final RelativeLocationPath newrlp = insertStep(step, plp.getPath());
        return new ParentLocationPath(newrlp, plp.getStep());
    }
    else {
        addError(new ErrorMsg(ErrorMsg.INTERNAL_ERR, "XPathParser.insertStep"));
        return rlp;
    }
    }
}

```

/\*\*

\* Returns true if the axis applies to elements only. The axes  
 \* child, attribute, namespace, descendant result in non-empty  
 \* nodesets only if the context node is of type element.

\*/

```

    public boolean isElementAxis(int axis) {
    return (axis == Axis.CHILD || axis == Axis.ATTRIBUTE ||
    axis == Axis.NAMESPACE || axis == Axis.DESCENDANT);
    }
}

```

:]

```

terminal SLASH, DOT, LBRACK, RBRACK, VBAR, LPAREN, RPAREN, STAR, COMMA;
terminal DOLLAR, ATSIGN;
terminal DDOT, DCOLON, DSLASH;
terminal EQ, NE;
terminal LT, GT, LE, GE;
terminal PLUS, MINUS, DIV, MOD, MULT;
terminal String Literal;
terminal String QName;
terminal ID, KEY, TEXT, NODE, OR, AND, COMMENT, PI, PIPARAM, PRECEDINGSIBLING;
terminal SELF, PARENT, CHILD, ATTRIBUTE, ANCESTOR, ANCESTORORSELF, DESCENDANT;
terminal DESCENDANTORSELF, FOLLOWING, FOLLOWINGSIBLING, NAMESPACE, PRECEDING;
terminal Double REAL;
terminal Long INT;
terminal PATTERN, EXPRESSION;

```

non terminal SyntaxTreeNode TopLevel;

```

non terminal Expression Expr, Argument, LocationPath;
non terminal Expression Predicate, FilterExpr, Step;
non terminal Expression OrExpr, AndExpr, EqualityExpr;
non terminal Expression RelationalExpr, AdditiveExpr;
non terminal Expression MultiplicativeExpr, UnaryExpr;

```



non terminal Expression VariableReference, FunctionCall;  
non terminal Expression PrimaryExpr, UnionExpr, PathExpr, AbbreviatedStep;  
non terminal Expression RelativeLocationPath, AbbreviatedRelativeLocationPath;  
non terminal Expression AbsoluteLocationPath, AbbreviatedAbsoluteLocationPath;

non terminal Object NodeTest, NameTest;

non terminal IdKeyPattern IdKeyPattern;  
non terminal Pattern Pattern;  
non terminal Pattern LocationPathPattern;  
non terminal StepPattern ProcessingInstructionPattern;  
non terminal RelativePathPattern RelativePathPattern;  
non terminal StepPattern StepPattern;  
non terminal Object NodeTestPattern, NameTestPattern;

non terminal Vector Predicates, NonemptyArgumentList;  
non terminal QName QName, FunctionName, VariableName;  
non terminal Integer AxisName, AxisSpecifier;  
non terminal Integer ChildOrAttributeAxisSpecifier;

precedence left VBAR;  
precedence left OR;  
precedence left AND;  
precedence nonassoc EQ, NE;  
precedence left LT, GT, LE, GE;

precedence left PLUS, MINUS;  
precedence left DIV, MOD, MULT;  
precedence left DOLLAR;  
precedence left ATSIGN;  
precedence right DCOLON;

start with TopLevel;

TopLevel ::= PATTERN Pattern:pattern

{ : RESULT = pattern; ; }

| EXPRESSION Expr:expr

{ : RESULT = expr; ; };

/\* ----- Patterns ----- \*/

Pattern ::= LocationPathPattern:lpp

{ : RESULT = lpp; ; }

| LocationPathPattern:lpp VBAR Pattern:p

{ : RESULT = new AlternativePattern(lpp, p); ; };

```

LocationPathPattern ::= SLASH
    { : RESULT = new AbsolutePathPattern(null); :}

    | SLASH RelativePathPattern:rpp
    { : RESULT = new AbsolutePathPattern(rpp); :}

    | IdKeyPattern:ikp
    { : RESULT = ikp; :}

    | IdKeyPattern:ikp SLASH RelativePathPattern:rpp
    { : RESULT = new ParentPattern(ikp, rpp); :}

    | IdKeyPattern:ikp DSLASH RelativePathPattern:rpp
    { : RESULT = new AncestorPattern(ikp, rpp); :}

    | DSLASH RelativePathPattern:rpp
    { : RESULT = new AncestorPattern(rpp); :}

    | RelativePathPattern:rpp
    { : RESULT = rpp; :};

IdKeyPattern ::= ID LPAREN Literal:l RPAREN
    { : RESULT = new IdPattern(l);
      parser.setHasIdCall(true);
      :}

    | KEY LPAREN Literal:l1 COMMA Literal:l2 RPAREN
    { : RESULT = new KeyPattern(l1, l2); :};

ProcessingInstructionPattern ::= PIPARAM LPAREN Literal:l RPAREN
    { : RESULT = new ProcessingInstructionPattern(l); :};

RelativePathPattern ::= StepPattern:sp
    { : RESULT = sp; :}

    | StepPattern:sp SLASH RelativePathPattern:rpp
    { : RESULT = new ParentPattern(sp, rpp); :}

    | StepPattern:sp DSLASH RelativePathPattern:rpp
    { : RESULT = new AncestorPattern(sp, rpp); :};

StepPattern ::= NodeTestPattern:nt
    { :
      RESULT = parser.createStepPattern(Axis.CHILD, nt, null);
      :}

    | NodeTestPattern:nt Predicates:pp
    { :

```

```

RESULT = parser.createStepPattern(Axis.CHILD, nt, pp);
    :}

    | ProcessingInstructionPattern:pip
    {: RESULT = pip; :}

| ProcessingInstructionPattern:pip Predicates:pp
    {: RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp); :}

    | ChildOrAttributeAxisSpecifier:axis NodeTestPattern:nt
    {:
    RESULT = parser.createStepPattern(axis.intValue(), nt, null);
    :}

| ChildOrAttributeAxisSpecifier:axis
NodeTestPattern:nt Predicates:pp
    {:
    RESULT = parser.createStepPattern(axis.intValue(), nt, pp);
    :}

    | ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
    {:
    RESULT = pip; // TODO: report error if axis is attribute
    :}

| ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
Predicates:pp
    {:
    // TODO: report error if axis is attribute
    RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp);
    :};

NodeTestPattern ::= NameTestPattern:nt
    {: RESULT = nt; :}

    | NODE
    {: RESULT = new Integer(NodeTest.ANODE); :}

    | TEXT
    {: RESULT = new Integer(NodeTest.TEXT); :}

    | COMMENT
    {: RESULT = new Integer(NodeTest.COMMENT); :}

    | PI
    {: RESULT = new Integer(NodeTest.PI); :};

NameTestPattern ::= STAR

```

```
{: RESULT = null; :}
```

```
| QName:qn
```

```
{: RESULT = qn; :};
```

```
ChildOrAttributeAxisSpecifier ::= ATSIGN
```

```
{: RESULT = new Integer(Axis.ATTRIBUTE); :}
```

```
| CHILD DCOLON
```

```
{: RESULT = new Integer(Axis.CHILD); :}
```

```
| ATTRIBUTE DCOLON
```

```
{: RESULT = new Integer(Axis.ATTRIBUTE); :};
```

```
Predicates ::= Predicate:p
```

```
{:
```

```
Vector temp = new Vector();
```

```
temp.addElement(p);
```

```
RESULT = temp;
```

```
:}
```

```
| Predicate:p Predicates:pp
```

```
{: pp.insertElementAt(p, 0); RESULT = pp; :};
```

```
Predicate ::= LBRACK Expr:e RBRACK
```

```
{:
```

```
RESULT = new Predicate(e);
```

```
:};
```

```
/* ----- Expressions ----- */
```

```
Expr ::= OrExpr:ex
```

```
{: RESULT = ex; :};
```

```
OrExpr ::= AndExpr:ae
```

```
{: RESULT = ae; :}
```

```
| OrExpr:oe OR AndExpr:ae
```

```
{: RESULT = new LogicalExpr(LogicalExpr.OR, oe, ae); :};
```

```
AndExpr ::= EqualityExpr:e
```

```
{: RESULT = e; :}
```

```
| AndExpr:ae AND EqualityExpr:ee
```

```
{: RESULT = new LogicalExpr(LogicalExpr.AND, ae, ee); :};
```

```
EqualityExpr ::= RelationalExpr:re
```

```
{: RESULT = re; :}
```

| EqualityExpr:ee EQ RelationalExpr:re  
{: RESULT = new EqualityExpr(Operators.EQ, ee, re); :}

| EqualityExpr:ee NE RelationalExpr:re  
{: RESULT = new EqualityExpr(Operators.NE, ee, re); :};

RelationalExpr ::= AdditiveExpr:ae  
{: RESULT = ae; :}

| RelationalExpr:re LT AdditiveExpr:ae  
{: RESULT = new RelationalExpr(Operators.LT, re, ae); :}

| RelationalExpr:re GT AdditiveExpr:ae  
{: RESULT = new RelationalExpr(Operators.GT, re, ae); :}

| RelationalExpr:re LE AdditiveExpr:ae  
{: RESULT = new RelationalExpr(Operators.LE, re, ae); :}

| RelationalExpr:re GE AdditiveExpr:ae  
{: RESULT = new RelationalExpr(Operators.GE, re, ae); :};

AdditiveExpr ::= MultiplicativeExpr:me  
{: RESULT = me; :}

| AdditiveExpr:ae PLUS MultiplicativeExpr:me  
{: RESULT = new BinOpExpr(BinOpExpr.PLUS, ae, me); :}

| AdditiveExpr:ae MINUS MultiplicativeExpr:me  
{: RESULT = new BinOpExpr(BinOpExpr.MINUS, ae, me); :};

MultiplicativeExpr ::= UnaryExpr:ue  
{: RESULT = ue; :}

| MultiplicativeExpr:me MULT UnaryExpr:ue  
{: RESULT = new BinOpExpr(BinOpExpr.TIMES, me, ue); :}

| MultiplicativeExpr:me DIV UnaryExpr:ue  
{: RESULT = new BinOpExpr(BinOpExpr.DIV, me, ue); :}

| MultiplicativeExpr:me MOD UnaryExpr:ue  
{: RESULT = new BinOpExpr(BinOpExpr.MOD, me, ue); :};

UnaryExpr ::= UnionExpr:ue  
{: RESULT = ue; :}

| MINUS UnaryExpr:ue  
{: RESULT = new UnaryOpExpr(ue); :};

```

UnionExpr ::= PathExpr:pe
    {: RESULT = pe; :}

    | PathExpr:pe VBAR UnionExpr:rest
    {: RESULT = new UnionPathExpr(pe, rest); :};

PathExpr ::= LocationPath:lp
    {: RESULT = lp; :}

    | FilterExpr:fexp
    {: RESULT = fexp; :}

    | FilterExpr:fexp SLASH RelativeLocationPath:rlp
    {: RESULT = new FilterParentPath(fexp, rlp); :}

    | FilterExpr:fexp DSLASH RelativeLocationPath:rlp
    {
        //
        // Expand '/' into '/descendant-or-self::node()' or
        // into '/descendant-or-self::*'
        //
        int nodeType = DOM.NO_TYPE;
        if (rlp instanceof Step &&
            parser.isElementAxis(((Step) rlp).getAxis()))
        {
            nodeType = DTM.ELEMENT_NODE;
        }
        final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
        FilterParentPath fpp = new FilterParentPath(fexp, step);
        fpp = new FilterParentPath(fpp, rlp);
        if (fexp instanceof KeyCall == false) {
            fpp.setDescendantAxis();
        }
        RESULT = fpp;
    };

LocationPath ::= RelativeLocationPath:rlp
    {: RESULT = rlp; :}

    | AbsoluteLocationPath:alp
    {: RESULT = alp; :};

RelativeLocationPath ::= Step:step
    {: RESULT = step; :}

    | RelativeLocationPath:rlp SLASH Step:step
    {

```

```

if (rlp instanceof Step && ((Step) rlp).isAbbreviatedDot()) {
    RESULT = step;    // Remove '.' from the middle
}
else if (((Step) step).isAbbreviatedDot()) {
    RESULT = rlp;    // Remove '.' from the end
}
else {
    RESULT =
        new ParentLocationPath((RelativeLocationPath) rlp, step);
}
:}

| AbbreviatedRelativeLocationPath:arlp
{: RESULT = arlp; :};

```

```

AbsolutePath ::= SLASH
{: RESULT = new AbsoluteLocationPath(); :}

| SLASH RelativeLocationPath:rlp
{: RESULT = new AbsoluteLocationPath(rlp); :}

| AbbreviatedAbsolutePath:aalp
{: RESULT = aalp; :};

```

```

AbbreviatedRelativeLocationPath ::= RelativeLocationPath:rlp DSLASH Step:step
{:
final Step right = (Step)step;
final int axis = right.getAxis();
final int type = right.getNodeType();
final Vector predicates = right.getPredicates();

if ((axis == Axis.CHILD) && (type != NodeTest.ATTRIBUTE)) {
    // Compress './child:E' into 'descendant::E' - if possible
    if (predicates == null) {
        right.setAxis(Axis.DESCENDANT);
        if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
            RESULT = right;
        }
        else {
            // Expand 'rlp//child::E' into 'rlp/descendant::E'
            RelativeLocationPath left = (RelativeLocationPath)rlp;
            RESULT = new ParentLocationPath(left, right);
        }
    }
    else {
        // Expand './step' -> 'descendant-or-self::*step'
        if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
            Step left = new Step(Axis.DESCENDANTORSELF,

```

```

DTM.ELEMENT_NODE, null);
    RESULT = new ParentLocationPath(left, right);
}
else {
    // Expand 'rlp//step' -> 'rlp/descendant-or-self::*//step'
    RelativeLocationPath left = (RelativeLocationPath)rlp;
    Step mid = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
    ParentLocationPath ppl = new ParentLocationPath(mid, right);
    RESULT = new ParentLocationPath(left, ppl);
}
}
}
else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
    // Expand 'rlp//step' -> 'rlp/descendant-or-self::*//step'
    RelativeLocationPath left = (RelativeLocationPath)rlp;
    Step middle = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
    ParentLocationPath ppl = new ParentLocationPath(middle, right);
    RESULT = new ParentLocationPath(left, ppl);
}
else {
    // Expand 'rlp//step' -> 'rlp/descendant-or-self::node()/step'
    RelativeLocationPath left = (RelativeLocationPath)rlp;
    Step middle = new Step(Axis.DESCENDANTORSELF,
DOM.NO_TYPE, null);
    ParentLocationPath ppl = new ParentLocationPath(middle, right);
    RESULT = new ParentLocationPath(left, ppl);
}
};

```

AbbreviatedAbsolutePath ::= DSLASH RelativeLocationPath:rlp

```

{:
    //
    // Expand '/' into '/descendant-or-self::node()/' or
    // into '/descendant-or-self::*/'
    //
    int nodeType = DOM.NO_TYPE;
    if (rlp instanceof Step &&
        parser.isElementAxis(((Step) rlp).getAxis()))
    {
        nodeType = DTM.ELEMENT_NODE;
    }
    final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
    RESULT = new AbsoluteLocationPath(parser.insertStep(step,
(RelativeLocationPath) rlp));
};

```



```

Step ::= NodeTest:ntest
  {
    if (ntest instanceof Step) {
      RESULT = (Step)ntest;
    }
    else {
      RESULT = new Step(Axis.CHILD,
        parser.findNodeType(Axis.CHILD, ntest),
        null);
    }
  }
  :}

| NodeTest:ntest Predicates:pp
  {
    if (ntest instanceof Step) {
      Step step = (Step)ntest;
      step.addPredicates(pp);
      RESULT = (Step)ntest;
    }
    else {
      RESULT = new Step(Axis.CHILD,
        parser.findNodeType(Axis.CHILD, ntest), pp);
    }
  }
  :}

| AxisSpecifier:axis NodeTest:ntest Predicates:pp
  { : RESULT = new Step(axis.intValue(),
    parser.findNodeType(axis.intValue(), ntest),
    pp);
  :}

| AxisSpecifier:axis NodeTest:ntest
  { : RESULT = new Step(axis.intValue(),
    parser.findNodeType(axis.intValue(), ntest),
    null);
  :}

| AbbreviatedStep:abbrev
  { : RESULT = abbrev; :};

AxisSpecifier ::= AxisName:an DCOLON
  { : RESULT = an; :}

| ATSIGN
  { : RESULT = new Integer(Axis.ATTRIBUTE); :};

AxisName ::= ANCESTOR

```

{: RESULT = new Integer(Axis.ANCESTOR); :}

| ANCESTORORSELF

{: RESULT = new Integer(Axis.ANCESTORORSELF); :}

| ATTRIBUTE

{: RESULT = new Integer(Axis.ATTRIBUTE); :}

| CHILD

{: RESULT = new Integer(Axis.CHILD); :}

| DESCENDANT

{: RESULT = new Integer(Axis.DESCENDANT); :}

| DESCENDANTORSELF

{: RESULT = new Integer(Axis.DESCENDANTORSELF); :}

| FOLLOWING

{: RESULT = new Integer(Axis.FOLLOWING); :}

| FOLLOWINGSIBLING

{: RESULT = new Integer(Axis.FOLLOWINGSIBLING); :}

| NAMESPACE

{: RESULT = new Integer(Axis.NAMESPACE); :}

| PARENT

{: RESULT = new Integer(Axis.PARENT); :}

| PRECEDING

{: RESULT = new Integer(Axis.PRECEDING); :}

| PRECEDINGSIBLING

{: RESULT = new Integer(Axis.PRECEDINGSIBLING); :}

| SELF

{: RESULT = new Integer(Axis.SELF); :};

AbbreviatedStep ::= DOT

{: RESULT = new Step(Axis.SELF, NodeTest.ANODE, null); :}

| DDOT

{: RESULT = new Step(Axis.PARENT, NodeTest.ANODE, null); :};

FilterExpr ::= PrimaryExpr:primary

{: RESULT = primary; :}

| PrimaryExpr:primary Predicates:pp

```

{: RESULT = new FilterExpr(primary, pp); :};

PrimaryExpr ::= VariableReference:vr
  {: RESULT = vr; :}

  | LPAREN Expr:ex RPAREN
  {: RESULT = ex; :}

  | Literal:string
  {
  /*
  * If the string appears to have the syntax of a QName, store
  * namespace info in the literal expression. This is used for
  * element-available and function-available functions, among
  * others. Also, the default namespace must be ignored.
  */
  String namespace = null;
  final int index = string.lastIndexOf(':');

  if (index > 0) {
    final String prefix = string.substring(0, index);
    namespace = parser._symbolTable.lookupNamespace(prefix);
  }
  RESULT = (namespace == null) ? new LiteralExpr(string)
    : new LiteralExpr(string, namespace);
  :}

  | INT:num
  {
  long value = num.longValue();
  if (value < Integer.MIN_VALUE || value > Integer.MAX_VALUE) {
  RESULT = new RealExpr(value);
  }
  else {
    if (num.doubleValue() == -0)
      RESULT = new RealExpr(num.doubleValue());
    else if (num.intValue() == 0)
      RESULT = new IntExpr(num.intValue());
    else if (num.doubleValue() == 0.0)
      RESULT = new RealExpr(num.doubleValue());
    else
      RESULT = new IntExpr(num.intValue());
  }
  :}

  | REAL:num
  {: RESULT = new RealExpr(num.doubleValue()); :}

```

```
| FunctionCall:fc
{: RESULT = fc; :};
```

```
VariableReference ::= DOLLAR VariableName:varName
{:
  // An empty QName prefix for a variable or parameter reference
  // should map to the null namespace and not the default URI.
  SyntaxTreeNode node = parser.lookupName(varName);

  if (node != null) {
    if (node instanceof Variable) {
      RESULT = new VariableRef((Variable)node);
    }
    else if (node instanceof Param) {
      RESULT = new ParameterRef((Param)node);
    }
    else {
      RESULT = new UnresolvedRef(varName);
    }
  }

  if (node == null) {
    RESULT = new UnresolvedRef(varName);
  }
:};
```

```
FunctionCall ::= FunctionName:fname LPAREN RPAREN
{:
  if (parser.getQNameIgnoreDefaultNs("current").equals(fname)) {
    RESULT = new CurrentCall(fname);
  }
  else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
    RESULT = new NumberCall(fname, parser.EmptyArgs);
  }
  else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
    RESULT = new StringCall(fname, parser.EmptyArgs);
  }
  else if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
    RESULT = new ConcatCall(fname, parser.EmptyArgs);
  }
  else if (parser.getQNameIgnoreDefaultNs("true").equals(fname)) {
    RESULT = new BooleanExpr(true);
  }
  else if (parser.getQNameIgnoreDefaultNs("false").equals(fname)) {
    RESULT = new BooleanExpr(false);
  }
  else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
```

```

    RESULT = new NameCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
    RESULT = new GenerateIdCall(fname, parser.EmptyArgs);
}
else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
    RESULT = new StringLengthCall(fname, parser.EmptyArgs);
}
else if (parser.getQNameIgnoreDefaultNs("position").equals(fname)) {
    RESULT = new PositionCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("last").equals(fname)) {
    RESULT = new LastCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
    RESULT = new NamespaceUriCall(fname);
}
else {
    RESULT = new FunctionCall(fname, parser.EmptyArgs);
}
:}

```

```

| FunctionName:fname LPAREN NonemptyArgumentList:argl RPAREN
{:
if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
    RESULT = new ConcatCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
    RESULT = new NumberCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("document").equals(fname)) {
parser.setMultiDocument(true);
    RESULT = new DocumentCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
    RESULT = new StringCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("boolean").equals(fname)) {
    RESULT = new BooleanCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
    RESULT = new NameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
    RESULT = new GenerateIdCall(fname, argl);
}

```

```

}
else if (parser.getQNameIgnoreDefaultNs("not").equals(fname)) {
    RESULT = new NotCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("format-number").equals(fname)) {
    RESULT = new FormatNumberCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("unparsed-entity-uri").equals(fname)) {
    RESULT = new UnparsedEntityUriCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("key").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("id").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
    parser.setHasIdCall(true);
}
else if (parser.getQNameIgnoreDefaultNs("ceiling").equals(fname)) {
    RESULT = new CeilingCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("round").equals(fname)) {
    RESULT = new RoundCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("floor").equals(fname)) {
    RESULT = new FloorCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("contains").equals(fname)) {
    RESULT = new ContainsCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
    RESULT = new StringLengthCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("starts-with").equals(fname)) {
    RESULT = new StartsWithCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("function-available").equals(fname)) {
    RESULT = new FunctionAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("element-available").equals(fname)) {
    RESULT = new ElementAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("lang").equals(fname)) {
    RESULT = new LangCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {

```

```

    RESULT = new NamespaceUriCall(fname, argl);
}
else if (parser.getQName(Constants.TRANSLET_URI, "xslt", "cast").equals(fname)) {
    RESULT = new CastCall(fname, argl);
}
// Special case for extension function nodeset()
else if (fname.getLocalPart().equals("nodeset") || fname.getLocalPart().equals("node-set")) {
parser.setCallsNodeset(true); // implies MultiDOM
    RESULT = new FunctionCall(fname, argl);
}
else {
    RESULT = new FunctionCall(fname, argl);
}
:};

```

NonemptyArgumentList ::= Argument:arg

```

{:
    Vector temp = new Vector();
    temp.addElement(arg);
    RESULT = temp;
:}

```

```

| Argument:arg COMMA NonemptyArgumentList:argl
{: argl.insertElementAt(arg, 0); RESULT = argl; :};

```

FunctionName ::= QName:fname

```

{:
    RESULT = fname;
:};

```

VariableName ::= QName:vname

```

{:
    RESULT = vname;
:};

```

Argument ::= Expr:ex

```

{: RESULT = ex; :};

```

NodeTest ::= NameTest:nt

```

{: RESULT = nt; :}

```

| NODE

```

{: RESULT = new Integer(NodeTest.ANODE); :}

```

| TEXT

```

{: RESULT = new Integer(NodeTest.TEXT); :}

```

| COMMENT

```
{: RESULT = new Integer(NodeTest.COMMENT); :}
```

```
| PIPARAM LPAREN Literal:l RPAREN
```

```
{:  
  QName name = parser.getQNameIgnoreDefaultNs("name");  
  Expression exp = new EqualityExpr(Operators.EQ,  
    new NameCall(name),  
    new LiteralExpr(l));  
  Vector predicates = new Vector();  
  predicates.addElement(new Predicate(exp));  
  RESULT = new Step(Axis.CHILD, NodeTest.PI, predicates);  
:}
```

```
| PI
```

```
{: RESULT = new Integer(NodeTest.PI); :};
```

```
NameTest ::= STAR
```

```
{: RESULT = null; :}
```

```
| QName:qn
```

```
{: RESULT = qn; :};
```

```
QName ::= QNAME:qname
```

```
{: RESULT = parser.getQNameIgnoreDefaultNs(qname); :}
```

```
| DIV
```

```
{: RESULT = parser.getQNameIgnoreDefaultNs("div"); :}
```

```
| MOD
```

```
{: RESULT = parser.getQNameIgnoreDefaultNs("mod"); :}
```

```
| KEY
```

```
{: RESULT = parser.getQNameIgnoreDefaultNs("key"); :}
```

```
| ANCESTOR
```

```
{: RESULT = parser.getQNameIgnoreDefaultNs("child"); :}
```

```
| ANCESTORORSELF
```

```
{: RESULT = parser.getQNameIgnoreDefaultNs("ancestor-or-self"); :}
```

```
| ATTRIBUTE
```

```
{: RESULT = parser.getQNameIgnoreDefaultNs("attribute"); :}
```

```
| CHILD
```

```
{: RESULT = parser.getQNameIgnoreDefaultNs("child"); :}
```

```
| DESCENDANT
```

```
{: RESULT = parser.getQNameIgnoreDefaultNs("decendant"); :}
```



```

| DESCENDANTORSELF
{: RESULT = parser.getQNameIgnoreDefaultNs("decendant-or-self"); :}

| FOLLOWING
{: RESULT = parser.getQNameIgnoreDefaultNs("following"); :}

| FOLLOWINGSIBLING
{: RESULT = parser.getQNameIgnoreDefaultNs("following-sibling"); :}

| NAMESPACE
{: RESULT = parser.getQNameIgnoreDefaultNs("namespace"); :}

| PARENT
{: RESULT = parser.getQNameIgnoreDefaultNs("parent"); :}

| PRECEDING
{: RESULT = parser.getQNameIgnoreDefaultNs("preceding"); :}

| PRECEDINGSIBLING
{: RESULT = parser.getQNameIgnoreDefaultNs("preceding-sibling"); :}

| SELF
{: RESULT = parser.getQNameIgnoreDefaultNs("self"); :}

| ID
{: RESULT = parser.getQNameIgnoreDefaultNs("id"); :};

```

Found in path(s):

```
* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/xpath.cup
```

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

```
/*
```

```

* Licensed to the Apache Software Foundation (ASF) under one
* or more contributor license agreements. See the NOTICE file
* distributed with this work for additional information
* regarding copyright ownership. The ASF licenses this file
* to you under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
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*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed 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.
*/
/**
* Execute the proprietary document-location() function, which returns
* a node set of documents.
* @xsl.usage advanced
*/
```

Found in path(s):

```
*/opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xpath/functions/FuncDoclocation.java
No license file was found, but licenses were detected in source scan.
```

```
/*
* Licensed to the Apache Software Foundation (ASF) under one
* or more contributor license agreements. See the NOTICE file
* distributed with this work for additional information
* regarding copyright ownership. The ASF licenses this file
* to you under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed 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.
*/
/*
* $Id: Version.src 468654 2006-10-28 07:09:23Z minchau $
*/
package org.apache.xml.serializer;
```

```
/**
* Administrative class to keep track of the version number of
* the Serializer release.
* <P>This class implements the upcoming standard of having
* org.apache.project-name.Version.getVersion() be a standard way
* to get version information.</P>
* @xsl.usage general
*/
public final class Version
{
/**
* Get the basic version string for the current Serializer.
```

```

* Version String formatted like
* <CODE>"<B>Serializer</B> <B>Java</B> v.r[.dd| <B>D</B>nm]"</CODE>.
*
* Futurework: have this read version info from jar manifest.
*
* @return String denoting our current version
*/
public static String getVersion()
{
    return getProduct()+" "+getImplementationLanguage()+" "
        +getMajorVersionNum()+"."+getReleaseVersionNum()+"."
        +( (getDevelopmentVersionNum() > 0) ?
            ("D"+getDevelopmentVersionNum()) : (""+getMaintenanceVersionNum()));
}

/**
* Print the processor version to the command line.
*
* @param argv command line arguments, unused.
*/
public static void main(String argv[])
{
    System.out.println(getVersion());
}

/**
* Name of product: Serializer.
*/
public static String getProduct()
{
    return "Serializer";
}

/**
* Implementation Language: Java.
*/
public static String getImplementationLanguage()
{
    return "Java";
}

/**
* Major version number.
* Version number. This changes only when there is a
*     significant, externally apparent enhancement from
*     the previous release. 'n' represents the n'th
*     version.

```

```

*
* Clients should carefully consider the implications
* of new versions as external interfaces and behaviour
* may have changed.
*/
public static int getMajorVersionNum()
{
    return @version.VERSION@;
}

/**
* Release Number.
* Release number. This changes when:
* - a new set of functionality is to be added, eg,
*   implementation of a new W3C specification.
* - API or behaviour change.
* - its designated as a reference release.
*/
public static int getReleaseVersionNum()
{
    return @version.RELEASE@;
}

/**
* Maintenance Drop Number.
* Optional identifier used to designate maintenance
* drop applied to a specific release and contains
* fixes for defects reported. It maintains compatibility
* with the release and contains no API changes.
* When missing, it designates the final and complete
* development drop for a release.
*/
public static int getMaintenanceVersionNum()
{
    return @version.MINOR@;
}

/**
* Development Drop Number.
* Optional identifier designates development drop of
* a specific release. D01 is the first development drop
* of a new release.
*
* Development drops are works in progress towards a
* completed, final release. A specific development drop
* may not completely implement all aspects of a new
* feature, which may take several development drops to

```

```

* complete. At the point of the final drop for the
* release, the D suffix will be omitted.
*
* Each 'D' drops can contain functional enhancements as
* well as defect fixes. 'D' drops may not be as stable as
* the final releases.
*/

```

```

public static int getDevelopmentVersionNum()
{
    try {
        if ((new String("@version.DEVELOPER@")).length() == 0)
            return 0;
        else
            return Integer.parseInt("@version.DEVELOPER@");
    } catch (NumberFormatException nfe) {
        return 0;
    }
}
}
}

```

Found in path(s):

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.src

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

```

/*
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*/
/*
* $Id: Version.src 1225426 2011-12-29 04:13:08Z mrglavas $
*/
package org.apache.xalan;

/**
* Administrative class to keep track of the version number of

```

```

* the Xalan release.
* <P>This class implements the upcoming standard of having
* org.apache.project-name.Version.getVersion() be a standard way
* to get version information. This class will replace the older
* org.apache.xalan.processor.Version class.</P>
* <P>See also: org/apache/xalan/res/XSLTInfo.properties for
* information about the version of the XSLT spec we support.</P>
* @xsl.usage general
*/
public class Version
{

/**
 * Get the basic version string for the current Xalan release.
 * Version String formatted like
 * <CODE>"<B>Xalan</B> <B>Java</B> v.r[.dd| <B>D</B>]"</CODE>.
 *
 * Futurework: have this read version info from jar manifest.
 *
 * @return String denoting our current version
 */
public static String getVersion()
{
    return getProduct()+" "+getImplementationLanguage()+" "
        +getMajorVersionNum()+". "+getReleaseVersionNum()+". "
        +( (getDevelopmentVersionNum() > 0) ?
            ("D"+getDevelopmentVersionNum()) : (" "+getMaintenanceVersionNum()));
}

/**
 * Print the processor version to the command line.
 *
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
    System.out.println(getVersion());
}

/**
 * Name of product: Xalan.
 */
public static String getProduct()
{
    return "Xalan";
}

/**

```

```

* Implementation Language: Java.
*/
public static String getImplementationLanguage()
{
    return "Java";
}

/**
 * Major version number.
 * Version number. This changes only when there is a
 *     significant, externally apparent enhancement from
 *     the previous release. 'n' represents the n'th
 *     version.
 *
 *     Clients should carefully consider the implications
 *     of new versions as external interfaces and behaviour
 *     may have changed.
 */
public static int getMajorVersionNum()
{
    return @version.VERSION@;
}

/**
 * Release Number.
 * Release number. This changes when:
 *     - a new set of functionality is to be added, eg,
 *       implementation of a new W3C specification.
 *     - API or behaviour change.
 *     - its designated as a reference release.
 */
public static int getReleaseVersionNum()
{
    return @version.RELEASE@;
}

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 *     drop applied to a specific release and contains
 *     fixes for defects reported. It maintains compatibility
 *     with the release and contains no API changes.
 *     When missing, it designates the final and complete
 *     development drop for a release.
 */
public static int getMaintenanceVersionNum()

```

```

{
    return @version.MINOR@;
}

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 *
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 *
 * Each 'D' drops can contain functional enhancements as
 * well as defect fixes. 'D' drops may not be as stable as
 * the final releases.
 */
public static int getDevelopmentVersionNum()
{
    try {
        if ((new String("@version.DEVELOPER@")).length() == 0)
            return 0;
        else
            return Integer.parseInt("@version.DEVELOPER@");
    } catch (NumberFormatException nfe) {
        return 0;
    }
}
}

```

Found in path(s):

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.src

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```

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\*/

Found in path(s):

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xpath/domapi/XPathStylesheetDOM3Exception.java  
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\*/

/\*

\* \$Id: xpath.lex 1225752 2011-12-30 04:12:46Z mrglavas \$

\*/

/\*

\* @author Jacek Ambroziak  
\* @author Santiago Pericas-Geertsen  
\* @author Morten Jorgensen

\*

\*/

package org.apache.xalan.xsltc.compiler;

import java\_cup.runtime.Symbol;

%%

%cup

%unicode

%class XPathLexer

%yyeof

{

int last;

void initialize() {

last = -1;

```

}

static boolean isWhitespace(int c) {
    return (c == ' ' || c == '\t' || c == '\r' || c == '\n' || c == '\f');
}

/**
 * If symbol is not followed by ':' or '(', then treat it as a
 * name instead of an axis or function (Jira-1912).
 */
Symbol disambiguateAxisOrFunction(int ss) throws Exception {
    // Peek in the input buffer without changing the internal state
    int index = yy_buffer_index;

    // Skip whitespace
    while (index < yy_buffer_read && isWhitespace(yy_buffer[index])) {
        index++;
    }

    // If end of buffer, can't disambiguate :(
    if (index >= yy_buffer_read) {
        // Can't disambiguate, so return as symbol
        return new Symbol(ss);
    }

    // Return symbol if next token is ':' or '('
    return (yy_buffer[index] == ':' && yy_buffer[index+1] == ':' ||
            yy_buffer[index] == '(') ?
        newSymbol(ss) : newSymbol(sym.QNAME, yytext());
}

/**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * name instead of a keyword (Jira-1912).
 */
Symbol disambiguateOperator(int ss) throws Exception {
    switch (last) {
        case -1: // first token
        case sym.ATSIGN:
        case sym.DCOLON:
        case sym.LPAREN:
        case sym.LBRACK:
        case sym.COMMA:
        case sym.AND:
        case sym.OR:
        case sym.MOD:
        case sym.DIV:

```

```

case sym.MULT:
case sym.SLASH:
case sym.DSLASH:
case sym.VBAR:
case sym.PLUS:
case sym.MINUS:
case sym.EQ:
case sym.NE:
case sym.LT:
case sym.LE:
case sym.GT:
case sym.GE:
    return newSymbol(sym.QNAME, yytext());
}
return newSymbol(ss);
}

/**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * wildcard instead of a multiplication operator
 */
Symbol disambiguateStar() throws Exception {
    switch (last) {
    case -1: // first token
    case sym.ATSIGN:
    case sym.DCOLON:
    case sym.LPAREN:
    case sym.LBRACK:
    case sym.COMMA:
    case sym.AND:
    case sym.OR:
    case sym.MOD:
    case sym.DIV:
    case sym.MULT:
    case sym.SLASH:
    case sym.DSLASH:
    case sym.VBAR:
    case sym.PLUS:
    case sym.MINUS:
    case sym.EQ:
    case sym.NE:
    case sym.LT:
    case sym.LE:
    case sym.GT:
    case sym.GE:
        return newSymbol(sym.STAR);
    }
}

```

```

        return newSymbol(sym.MULT);
    }

    Symbol newSymbol(int ss) {
        last = ss;
        return new Symbol(ss);
    }

    Symbol newSymbol(int ss, String value) {
        last = ss;
        return new Symbol(ss, value);
    }

    Symbol newSymbol(int ss, Long value) {
        last = ss;
        return new Symbol(ss, value);
    }

    Symbol newSymbol(int ss, Double value) {
        last = ss;
        return new Symbol(ss, value);
    }
% }

%eofval{
return newSymbol(sym.EOF);
%eofval}

%yylexthrow{
Exception
%yylexthrow}

Letter={BaseChar}|{Ideographic}

BaseChar=[\u0041-\u005A\u0061-\u007A\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u00FF\u0100-\u0131\u0134-
\u013E\u0141-\u0148\u014A-\u017E\u0180-\u01C3\u01CD-\u01F0\u01F4-\u01F5\u01FA-\u0217\u0250-
\u02A8\u02BB-\u02C1\u0386\u0388-\u038A\u038C\u038E-\u03A1\u03A3-\u03CE\u03D0-
\u03D6\u03DA\u03DC\u03DE\u03E0\u03E2-\u03F3\u0401-\u040C\u040E-\u044F\u0451-\u045C\u045E-
\u0481\u0490-\u04C4\u04C7-\u04C8\u04CB-\u04CC\u04D0-\u04EB\u04EE-\u04F5\u04F8-\u04F9\u0531-
\u0556\u0559\u0561-\u0586\u05D0-\u05EA\u05F0-\u05F2\u0621-\u063A\u0641-\u064A\u0671-\u06B7\u06BA-
\u06BE\u06C0-\u06CE\u06D0-\u06D3\u06D5\u06E5-\u06E6\u0905-\u0939\u093D\u0958-\u0961\u0985-
\u098C\u098F-\u0990\u0993-\u09A8\u09AA-\u09B0\u09B2\u09B6-\u09B9\u09DC-\u09DD\u09DF-
\u09E1\u09F0-\u09F1\u0A05-\u0A0A\u0A0F-\u0A10\u0A13-\u0A28\u0A2A-\u0A30\u0A32-\u0A33\u0A35-
\u0A36\u0A38-\u0A39\u0A59-\u0A5C\u0A5E\u0A72-\u0A74\u0A85-\u0A8B\u0A8D\u0A8F-\u0A91\u0A93-
\u0AA8\u0AAA-\u0AB0\u0AB2-\u0AB3\u0AB5-\u0AB9\u0ABD\u0AE0\u0B05-\u0B0C\u0B0F-\u0B10\u0B13-
\u0B28\u0B2A-\u0B30\u0B32-\u0B33\u0B36-\u0B39\u0B3D\u0B5C-\u0B5D\u0B5F-\u0B61\u0B85-
\u0B8A\u0B8E-\u0B90\u0B92-\u0B95\u0B99-\u0B9A\u0B9C\u0B9E-\u0B9F\u0BA3-\u0BA4\u0BA8-
\u0BAA\u0BAE-\u0BB5\u0BB7-\u0BB9\u0C05-\u0C0C\u0C0E-\u0C10\u0C12-\u0C28\u0C2A-\u0C33\u0C35-

```

\u0C39\u0C60-\u0C61\u0C85-\u0C8C\u0C8E-\u0C90\u0C92-\u0CA8\u0CAA-\u0CB3\u0CB5-\u0CB9\u0CDE\u0CE0-\u0CE1\u0D05-\u0D0C\u0D0E-\u0D10\u0D12-\u0D28\u0D2A-\u0D39\u0D60-\u0D61\u0E01-\u0E2E\u0E30\u0E32-\u0E33\u0E40-\u0E45\u0E81-\u0E82\u0E84\u0E87-\u0E88\u0E8A\u0E8D\u0E94-\u0E97\u0E99-\u0E9F\u0EA1-\u0EA3\u0EA5\u0EA7\u0EAA-\u0EAB\u0EAD-\u0EAE\u0EB0\u0EB2-\u0EB3\u0EBD\u0EC0-\u0EC4\u0F40-\u0F47\u0F49-\u0F69\u10A0-\u10C5\u10D0-\u10F6\u1100\u1102-\u1103\u1105-\u1107\u1109\u110B-\u110C\u110E-\u1112\u113C\u113E\u1140\u114C\u114E\u1150\u1154-\u1155\u1159\u115F-\u1161\u1163\u1165\u1167\u1169\u116D-\u116E\u1172-\u1173\u1175\u119E\u11A8\u11AB\u11AE-\u11AF\u11B7-\u11B8\u11BA\u11BC-\u11C2\u11EB\u11F0\u11F9\u1E00-\u1E9B\u1EA0-\u1EF9\u1F00-\u1F15\u1F18-\u1F1D\u1F20-\u1F45\u1F48-\u1F4D\u1F50-\u1F57\u1F59\u1F5B\u1F5D\u1F5F-\u1F7D\u1F80-\u1FB4\u1FB6-\u1FBC\u1FBE\u1FC2-\u1FC4\u1FC6-\u1FCC\u1FD0-\u1FD3\u1FD6-\u1FDB\u1FE0-\u1FEC\u1FF2-\u1FF4\u1FF6-\u1FFC\u2126\u212A-\u212B\u212E\u2180-\u2182\u3041-\u3094\u30A1-\u30FA\u3105-\u312C\uAC00-\uD7A3]

Ideographic=[\u4E00-\u9FA5\u3007\u3021-\u3029]

CombiningChar=[\u0300-\u0345\u0360-\u0361\u0483-\u0486\u0591-\u05A1\u05A3-\u05B9\u05BB-\u05BD\u05BF\u05C1-\u05C2\u05C4\u064B-\u0652\u0670\u06D6-\u06DC\u06DD-\u06DF\u06E0-\u06E4\u06E7-\u06E8\u06EA-\u06ED\u0901-\u0903\u093C\u093E-\u094C\u094D\u0951-\u0954\u0962-\u0963\u0981-\u0983\u09BC\u09BE\u09BF\u09C0-\u09C4\u09C7-\u09C8\u09CB-\u09CD\u09D7\u09E2-\u09E3\u0A02\u0A3C\u0A3E\u0A3F\u0A40-\u0A42\u0A47-\u0A48\u0A4B-\u0A4D\u0A70-\u0A71\u0A81-\u0A83\u0ABC\u0ABE-\u0AC5\u0AC7-\u0AC9\u0ACB-\u0ACD\u0B01-\u0B03\u0B3C\u0B3E-\u0B43\u0B47-\u0B48\u0B4B-\u0B4D\u0B56-\u0B57\u0B82-\u0B83\u0BBE-\u0BC2\u0BC6-\u0BC8\u0BCA-\u0BCD\u0BD7\u0C01-\u0C03\u0C3E-\u0C44\u0C46-\u0C48\u0C4A-\u0C4D\u0C55-\u0C56\u0C82-\u0C83\u0CBE-\u0CC4\u0CC6-\u0CC8\u0CCA-\u0CCD\u0CD5-\u0CD6\u0D02-\u0D03\u0D3E-\u0D43\u0D46-\u0D48\u0D4A-\u0D4D\u0D57\u0E31\u0E34-\u0E3A\u0E47-\u0E4E\u0EB1\u0EB4-\u0EB9\u0EBB-\u0EBC\u0EC8-\u0ECD\u0F18-\u0F19\u0F35\u0F37\u0F39\u0F3E\u0F3F\u0F71-\u0F84\u0F86-\u0F8B\u0F90-\u0F95\u0F97\u0F99-\u0FAD\u0FB1-\u0FB7\u0FB9\u20D0-\u20DC\u20E1\u302A-\u302F\u3099\u309A]

Digit=[\u0030-\u0039\u0660-\u0669\u06F0-\u06F9\u0966-\u096F\u09E6-\u09EF\u0A66-\u0A6F\u0AE6-\u0AEF\u0B66-\u0B6F\u0BE7-\u0BEF\u0C66-\u0C6F\u0CE6-\u0CEF\u0D66-\u0D6F\u0E50-\u0E59\u0ED0-\u0ED9\u0F20-\u0F29]

Extender=[\u00B7\u02D0\u02D1\u0387\u0640\u0E46\u0EC6\u3005\u3031-\u3035\u309D-\u309E\u30FC-\u30FE]

NCName={({Letter})"\_"|{NCNameStartChar})({NCNameChar})\*

NCNameChar={Letter}|{Digit}|"."-"\_"|{CombiningChar}|{Extender}|{NCNameStartChar} | [\u00B7 | [\u0300-\u036F] | [\u203F-\u2040] | [\u0130-\u0136]

NCNameStartChar=[\u0041-\u005A\u0061-\u007A\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u02FF\u0370-\u037D\u037F-\u1FFF\u200C-\u200D\u2070-\u218F\u2C00-\u2FEF\u3001-\uD7FF\uF900-\uFDCF\uFDF0-\uFFFD] | \u005F |({HighSurrogate}{LowSurrogate})

HighSurrogate=[\uD800-\uDBFF]

LowSurrogate=[\uDC00-\uDFFF]

%%

```
"*"      { return disambiguateStar(); }
"/"      { return newSymbol(sym.SLASH); }
"+"      { return newSymbol(sym.PLUS); }
"-"      { return newSymbol(sym.MINUS); }
"div"    { return disambiguateOperator(sym.DIV); }
"mod"    { return disambiguateOperator(sym.MOD); }
"::"     { return newSymbol(sym.DCOLON); }
","      { return newSymbol(sym.COMMA); }
"@       { return newSymbol(sym.ATSIGN); }
"..      { return newSymbol(sym.DDOT); }
"|"      { return newSymbol(sym.VBAR); }
"$"      { return newSymbol(sym.DOLLAR); }
"//"      { return newSymbol(sym.DSLASH); }
"="      { return newSymbol(sym.EQ); }
"!="     { return newSymbol(sym.NE); }
"<"     { return newSymbol(sym.LT); }
">"     { return newSymbol(sym.GT); }
"<="    { return newSymbol(sym.LE); }
">="    { return newSymbol(sym.GE); }
"id"     { return disambiguateAxisOrFunction(sym.ID); }
"key"    { return disambiguateAxisOrFunction(sym.KEY); }
"text()" { return newSymbol(sym.TEXT); }
"text"+[ \t\r\n\f]+"()" { return newSymbol(sym.TEXT); }
"node()" { return newSymbol(sym.NODE); }
"node"+[ \t\r\n\f]+"()" { return newSymbol(sym.NODE); }
"comment()" { return newSymbol(sym.COMMENT); }
"comment"+[ \t\r\n\f]+"()" { return newSymbol(sym.COMMENT); }
"processing-instruction" { return disambiguateAxisOrFunction(sym.PIPARAM); }
"processing-instruction()" { return newSymbol(sym.PI); }
"processing-instruction"+[ \t\r\n\f]+"()" { return newSymbol(sym.PI); }
"or"     { return disambiguateOperator(sym.OR); }
"and"    { return disambiguateOperator(sym.AND); }
"child"  { return disambiguateAxisOrFunction(sym.CHILD); }
"attribute" { return disambiguateAxisOrFunction(sym.ATTRIBUTE); }
"ancestor" { return disambiguateAxisOrFunction(sym.ANCESTOR); }
"ancestor-or-self" { return disambiguateAxisOrFunction(sym.ANCESTORORSELF); }
"descendant" { return disambiguateAxisOrFunction(sym.DESCENDANT); }
"descendant-or-self" { return disambiguateAxisOrFunction(sym.DESCENDANTORSELF); }
"following" { return disambiguateAxisOrFunction(sym.FOLLOWING); }
"following-sibling" { return disambiguateAxisOrFunction(sym.FOLLOWINGSIBLING); }
"namespace" { return disambiguateAxisOrFunction(sym.NAMESPACE); }
"parent"  { return disambiguateAxisOrFunction(sym.PARENT); }
"preceding" { return disambiguateAxisOrFunction(sym.PRECEDING); }
"preceding-sibling" { return disambiguateAxisOrFunction(sym.PRECEDINGSIBLING); }
"self"   { return disambiguateAxisOrFunction(sym.SELF); }
"["      { return newSymbol(sym.LBRACK); }
```

```

"]"          { return newSymbol(sym.RBRACK); }
"("          { return newSymbol(sym.LPAREN); }
")"          { return newSymbol(sym.RPAREN); }
"<PATTERN>"  { initialize(); return new Symbol(sym.PATTERN); }
"<EXPRESSION>" { initialize(); return new Symbol(sym.EXPRESSION); }
\[^\]*\     { return newSymbol(sym.Literal,
    yytext().substring(1, yytext().length() - 1)); }
\[^\]*\     { return newSymbol(sym.Literal,
    yytext().substring(1, yytext().length() - 1)); }
{Digit}+    { return newSymbol(sym.INT, new Long(yytext())); }
{Digit}+(\."{Digit}*)? { return newSymbol(sym.REAL, new Double(yytext())); }
"."{Digit}+ { return newSymbol(sym.REAL, new Double(yytext())); }
"."         { return newSymbol(sym.DOT); }
({NCName}":")?{NCName} { return newSymbol(sym.QNAME, yytext()); }
({NCName}":")?"*"      { return newSymbol(sym.QNAME, yytext()); }
({NCName}":")?@"*     { return newSymbol(sym.QNAME, yytext()); }
[ \t\r\n\f]         { /* ignore white space. */ }
.                   { throw new Exception(yytext()); }

```

Found in path(s):

```

* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/xpath.lex

```

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 */
// Proprietary
/** The 'document-location()' id (Proprietary). */

```

Found in path(s):

```

* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xpath/compiler/FunctionTable.java

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\*/

// is found, then throw a special exception in order to terminate

Found in path(s):

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/processor/TransformerFactoryImpl.java

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## 1.230 jackson 2.9.5

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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.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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Version: GnuPG v1.4.1 (Darwin)

iD8DBQFEnjfA9nwd0ZUd8/ERArwdAJ4lzyXEi4zSliJwEAxknGPhzMRswCfRsdI  
RUIoI0BYmYpaETSqxt2oLFU=  
=Tr57

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Full name: Jeanfrancois Arcand

E-Mail: [jfarcand@apache.org](mailto:jfarcand@apache.org)

Mailing Address: 1800 McGill College Avenue, Suite 800, H3A 3J6 Montreal, Quebec (Canada)

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Version: GnuPG v1.0.7 (GNU/Linux)

iD8DBQFE85cgaq9Frj/CirIRAmuJAKCFgi4W0UOH8IU+SV6PBHRF3BnLgCcDqqC

Zokttk0bTHfwaa5TxQbScw=

=N/w/

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Date: 8 January 2007

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Version: GnuPG v1.4.3 (GNU/Linux)

iD8DBQFFoniQJVhlFus9dGQRAmJmAJwL5y1loohVQIICsparvjHMQuwqwCgiZFy

LBDVaad1bJ1v1EHY901kPcg=

=6rqm

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Version: GnuPG v1.4.10 (GNU/Linux)

iQEcBAEBAGAGBQJQBb4tAAoJEMHhjBmtgF91HDcH/2nQDPuPztWFrBifnEoLF6Jl  
RUkfJzAPZaLDtDMfiDz7ucdRL1RDodmz4VIF2+fbKeBYQquZXfXIeEghz+tKriK3  
0M12guFkNLDteQp9h2p3Zu9JU3K0y4m84IDWq72HRmhInRyD6lzZFhDGZ/D+69fF  
tgYG0FwEit00MAq/IRbsXHLpBOY+Jyh/Xy+QRnQTcAQ+tAgOlxds3w+JSs2sGdes  
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FNWKpzaeX+SQgMak6hsuatXi6EsVk6sIaskwEgl6+Xk+HYWy23ZQ8BKQRLKOZTw=  
=gAqN

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iD8DBQFD37/4dL6IZr4c+6kRAAtIAJ41tfd3lj4OM6sIMfJfTOdYdT1bxwCdGgWv  
8sfMxEDZquIqhVbfZU2c76U=  
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Date: July 14, 2006

Please sign:

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.4 (MingW32)

iD8DBQFEt1ZxHR/ESK2w6H8RApbOAJ9c1eooNr2oN59WZVitJExGJjUvKgCfaKji  
6etDJ6AUj0jTuS159hUsWMQ=  
=HmqH  
-----END PGP SIGNATURE-----

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-----

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

javax.servlet:javax.servlet-api  
javax.servlet.jsp:javax.servlet.jsp-api  
org.glassfish.web:javax.servlet.jsp  
org.glassfish.web:javax.servlet.jsp  
org.glassfish.web:javax.servlet.jsp.jstl  
org.eclipse.jetty.orbit:javax.servlet.jsp.jstl

-----

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

-----

## MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

-----

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

-----

## Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

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Mailing Address: 4676 Admiralty Way, Suite 520  
Marina Del Rey, CA 90292

Point of Contact:  
Full name: Gordon King  
E-Mail: `gordon.king@simulalabs.com`  
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Date:

Signature:

Name: Gordon King

Positions: Chief Operational Officer

Schedule A

Name

Date added

---

```
<html xmlns:o="urn:schemas-microsoft-com:office:office" xmlns:w="urn:schemas-microsoft-com:office:word"
xmlns="http://www.w3.org/TR/REC-html40"><head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=windows-1252">
<meta name="ProgId" content="Word.Document">
<meta name="Generator" content="Microsoft Word 9">
<meta name="Originator" content="Microsoft Word 9">
<link rel="File-List"
href="http://www.eclipse.org/legal/Eclipse%20EPL%202003_11_10%20Final_files/filelist.xml">
<title>Eclipse Public License - Version 1.0 / Apache License - Version 2.0</title>
<!--[if gte mso 9]><xml>
<o:DocumentProperties>
<o:Revision>2</o:Revision>
<o:TotalTime>3</o:TotalTime>
<o:Created>2004-03-05T23:03:00Z</o:Created>
<o:LastSaved>2004-03-05T23:03:00Z</o:LastSaved>
<o:Pages>4</o:Pages>
<o:Words>1626</o:Words>
<o:Characters>9270</o:Characters>
<o:Lines>77</o:Lines>
<o:Paragraphs>18</o:Paragraphs>
<o:CharactersWithSpaces>11384</o:CharactersWithSpaces>
<o:Version>9.4402</o:Version>
</o:DocumentProperties>
</xml><![endif]--><!--[if gte mso 9]><xml>
<w:WordDocument>
<w:TrackRevisions/>
</w:WordDocument>
</xml><![endif]-->
<style>
<!--
/* Font Definitions */
@font-face
{font-family:Tahoma;
panose-1:2 11 6 4 3 5 4 4 2 4;
mso-font-charset:0;
mso-generic-font-family:swiss;
mso-font-pitch:variable;
mso-font-signature:553679495 -2147483648 8 0 66047 0;}
/* Style Definitions */
p.MsoNormal, li.MsoNormal, div.MsoNormal
{mso-style-parent:"";
```

```

margin:0in;
margin-bottom:.0001pt;
mso-pagination:widow-orphan;
font-size:12.0pt;
font-family:"Times New Roman";
mso-fareast-font-family:"Times New Roman";}
p
{margin-right:0in;
mso-margin-top-alt:auto;
mso-margin-bottom-alt:auto;
margin-left:0in;
mso-pagination:widow-orphan;
font-size:12.0pt;
font-family:"Times New Roman";
mso-fareast-font-family:"Times New Roman";}
p.BalloonText, li.BalloonText, div.BalloonText
{mso-style-name:"Balloon Text";
margin:0in;
margin-bottom:.0001pt;
mso-pagination:widow-orphan;
font-size:8.0pt;
font-family:Tahoma;
mso-fareast-font-family:"Times New Roman";}
@page Section1
{size:8.5in 11.0in;
margin:1.0in 1.25in 1.0in 1.25in;
mso-header-margin:.5in;
mso-footer-margin:.5in;
mso-paper-source:0;}
div.Section1
{page:Section1;}
-->
</style>
</head><body style="" lang="EN-US">

<div class="Section1">

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</p>

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<p class="MsoNormal" style="margin-left: 0.5in;"><span style="font-size: 10pt;">ii)  
additions to the Program;</span></p>

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<p class="MsoNormal"><!--[if !supportEmptyParas]-->&nbsp;<!--[endif]--><o:p></o:p></p>

</div>

<div class="Section2">

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*/  
/*  
* @(#)MimeTypeParameterList.java 1.11 05/11/16  
*  
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*/
```

Found in path(s):

```
* /opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-  
jar/javax/activation/MimeTypeParameterList.java
```

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 */
@(#)CommandMap.java 1.19 05/11/16
 *
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 */
```

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```
*/opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
jar/javax/activation/CommandMap.java
```

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*/
/*
* @(#)MimeTypeParseException.java 1.6 05/11/16
*
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*/
```

Found in path(s):

```
* /opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
jar/javax/activation/MimeTypeParseException.java
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*/
/*
* @(#)DataHandler.java 1.39 05/11/16
*
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*/
```

Found in path(s):

```
* /opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
jar/javax/activation/DataHandler.java
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*/
/*
* @(#)UnsupportedDataException.java 1.9 05/11/16
*
* Copyright 1997-2005 Sun Microsystems, Inc. All Rights Reserved.
*/
```

Found in path(s):

```
* /opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
jar/javax/activation/UnsupportedDataException.java
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*/
```

```
/*
 * @(#)FileTypeMap.java 1.8 05/11/16
 *
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 */
```

Found in path(s):

```
*/opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
jar/javax/activation/FileTypeMap.java
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 */
/*
 * @(#)MimeType.java 1.19 05/11/16
 *
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 */
```

Found in path(s):

```
*/opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
jar/javax/activation/MimeType.java
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*/
/*
* @(#)MimeTypeEntry.java 1.4 05/11/16
*
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*/
```

Found in path(s):

```
*/opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
jar/com/sun/activation/registries/MimeTypeEntry.java
```

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/*
* @(#)TextViewer.java 1.9 05/11/16
*
*/
```

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\* /opt/cola/permits/1200523838\_1654022813.457056/0/activation-1-1-sources-11-jar/com/sun/activation/viewers/TextViewer.java

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\* @(#)FileDataSource.java 1.9 05/11/16

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\* /opt/cola/permits/1200523838\_1654022813.457056/0/activation-1-1-sources-11-jar/javax/activation/FileDataSource.java

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/*
* @(#)LogSupport.java 1.4 05/11/16
*
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*/
```

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```
* /opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
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/*
* @(#)DataContentHandler.java 1.16 05/11/16
*
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\* /opt/cola/permits/1200523838\_1654022813.457056/0/activation-1-1-sources-11-jar/javax/activation/DataContentHandler.java

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/\*

\* @(#)ActivationDataFlavor.java 1.14 05/11/16

\*

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\* /opt/cola/permits/1200523838\_1654022813.457056/0/activation-1-1-sources-11-jar/javax/activation/ActivationDataFlavor.java

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/*
* @(#)MimeTypeFile.java 1.8 05/11/16
*
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*/
```

Found in path(s):

```
* /opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
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/*
* @(#)TextEditor.java 1.8 05/11/16
*
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*/
```

Found in path(s):

```
* /opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
jar/com/sun/activation/viewers/TextEditor.java
```



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/*
 * @(#)MailcapFile.java 1.23 05/11/16
 *
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 */
```

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```
*/opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
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/*
* @(#)MailcapTokenizer.java 1.6 05/11/16
*
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*/
```

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```
* /opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
jar/com/sun/activation/registries/MailcapTokenizer.java
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```
@(#)package.html 1.1 05/11/16
```

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-->

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/*
* @(#)MailcapParseException.java 1.4 05/11/16
*
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```

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```
*/opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
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/*
* @(#)MimetypesFileTypeMap.java 1.17 05/11/16
*
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*/
```

Found in path(s):

```
* /opt/cola/permits/1200523838_1654022813.457056/0/activation-1-1-sources-11-
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* @(#)DataSource.java 1.11 05/11/16
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```
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/*
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\* @(#)CommandObject.java 1.9 05/11/16  
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\* /opt/cola/permits/1200523838\_1654022813.457056/0/activation-1-1-sources-11-jar/javax/activation/CommandObject.java

## 1.233 libpcap 0.8.3

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\* /opt/ws\_local/PERMITS\_SQL/1078159751\_1597262070.52/0/jackson-2-6-1-sources-1-jar/com/mastfrog/jackson/JacksonConfigurer.java

## 1.240 xmlunit-legacy 2.3.0

## 1.241 httpcomponents-client 4.5.1

### 1.241.1 Available under license :

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=====
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# 1.242 postgresql 9.2

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The Independent JPEG Group's JPEG software

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README for release 9c of 14-Jan-2018

=====

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

IJG is not affiliated with the ISO/IEC JTC1/SC29/WG1 standards committee (previously known as JPEG, together with ITU-T SG16).

#### DOCUMENTATION ROADMAP

=====

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.

ACKNOWLEDGMENTS Special thanks.  
FILE FORMAT WARS Software \*not\* to get.  
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

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

Programmer and internal documentation:

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

Please read at least the files install.txt and usage.txt. Some 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 encoding, decoding, and transcoding. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and grayscale images.

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. 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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We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

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, ltmain.sh). Another support script, install-sh, is copyright by X Consortium but is also freely distributable.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent (now expired), 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.

## REFERENCES

=====

We 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 PDF file containing a revised version of Wallace's article is available at <http://www.ijg.org/files/Wallace.JPEG.pdf>. 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 currently available 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).

Although this is by far the most detailed and comprehensive exposition of JPEG publicly available, we point out that it is still missing an explanation of the most essential properties and algorithms of the underlying DCT technology.

If you think that you know about DCT-based JPEG after reading this book, then you are in delusion. The real fundamentals and corresponding potential of DCT-based JPEG are not publicly known so far, and that is the reason for all the mistaken developments taking place in the image coding domain.

The original JPEG 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.

IJG JPEG 8 introduced an implementation of the JPEG SmartScale extension which is specified in two documents: A contributed document at ITU and ISO with title "ITU-T JPEG-Plus Proposal for Extending ITU-T T.81 for Advanced Image Coding", April 2006, Geneva, Switzerland. The latest version of this document is Revision 3. And a contributed document ISO/IEC JTC1/SC29/WG1 N 5799 with title "Evolution of JPEG", June/July 2011, Berlin, Germany.

IJG JPEG 9 introduces a reversible color transform for improved lossless compression which is described in a contributed document ISO/IEC JTC1/SC29/WG1 N 6080 with title "JPEG 9 Lossless Coding", June/July 2012, Paris, France.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, version 2. JFIF version 1 has been adopted as Recommendation ITU-T T.871 (05/2011) : Information technology - Digital compression and coding of continuous-tone still images: JPEG File Interchange Format (JFIF). It is available as a free download in PDF file format from <http://www.itu.int/rec/T-REC-T.871>. A PDF file of the older JFIF document is available at <http://www.w3.org/Graphics/JPEG/jfif3.pdf>.

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 <http://www.ijg.org/files/>. 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.

#### ARCHIVE LOCATIONS

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The "official" archive site for this software is [www.ijg.org](http://www.ijg.org). The most recent released version can always be found there in directory "files". This particular version will be archived as <http://www.ijg.org/files/jpegsr9c.tar.gz>, and in Windows-compatible "zip" archive format as <http://www.ijg.org/files/jpegsr9c.zip>.

The JPEG FAQ (Frequently Asked Questions) article is a source of some general information about JPEG. 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](http://rtfm.mit.edu): <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  
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#### ACKNOWLEDGMENTS

=====

Thank to Juergen Bruder for providing me with a copy of the common DCT algorithm article, only to find out that I had come to the same result in a more direct and comprehensible way with a more generative approach.

Thank to Istvan Sebestyen and Joan L. Mitchell for inviting me to the ITU JPEG (Study Group 16) meeting in Geneva, Switzerland.

Thank to Thomas Wiegand and Gary Sullivan for inviting me to the Joint Video Team (MPEG & ITU) meeting in Geneva, Switzerland.

Thank to Thomas Richter and Daniel Lee for inviting me to the ISO/IEC JTC1/SC29/WG1 (previously known as JPEG, together with ITU-T SG16) meeting in Berlin, Germany.

Thank to John Korejwa and Massimo Ballerini for inviting me to fruitful consultations in Boston, MA and Milan, Italy.

Thank to Hendrik Elstner, Roland Fassauer, Simone Zuck, Guenther Maier-Gerber, Walter Stoeber, Fred Schmitz, and Norbert Braunagel for corresponding business development.

Thank to Nico Zschach and Dirk Stelling of the technical support team at the Digital Images company in Halle for providing me with extra equipment for configuration tests.

Thank to Richard F. Lyon (then of Foveon Inc.) for fruitful communication about JPEG configuration in Sigma Photo Pro software.

Thank to Andrew Finkenstadt for hosting the [ijg.org](http://ijg.org) site.

Thank to Thomas G. Lane for the original design and development of this singular software package.

Thank to Lars Goehler, Andreas Heinecke, Sebastian Fuss, Yvonne Roebert, Andrej Werner, and Ulf-Dietrich Braumann for support and public relations.

#### FILE FORMAT WARS

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The ISO/IEC JTC1/SC29/WG1 standards committee (previously known as JPEG, together with ITU-T SG16) currently promotes different formats containing the name "JPEG" which is misleading because these formats are incompatible with original DCT-based JPEG and are based on faulty technologies.

IJG therefore does not and will not support such momentary mistakes (see REFERENCES).

There exist also distributions under the name "OpenJPEG" promoting such kind of formats which is misleading because they don't support original JPEG images.

We have no sympathy for the promotion of inferior formats. Indeed, one of the original reasons for developing this free software was to help force

convergence on common, interoperable format standards for JPEG files.  
Don't use an incompatible file format!  
(In any case, our decoder will remain capable of reading existing JPEG  
image files indefinitely.)

The ISO committee pretends to be "responsible for the popular JPEG" in their public reports which is not true because they don't respond to actual requirements for the maintenance of the original JPEG specification. Furthermore, the ISO committee pretends to "ensure interoperability" with their standards which is not true because their "standards" support only application-specific and proprietary use cases and contain mathematically incorrect code.

There are currently different distributions in circulation containing the name "libjpeg" which is misleading because they don't have the features and are incompatible with formats supported by actual IJG libjpeg distributions. One of those fakes is released by members of the ISO committee and just uses the name of libjpeg for misdirection of people, similar to the abuse of the name JPEG as described above, while having nothing in common with actual IJG libjpeg distributions and containing mathematically incorrect code. The other one claims to be a "derivative" or "fork" of the original libjpeg, but violates the license conditions as described under LEGAL ISSUES above and violates basic C programming properties. We have no sympathy for the release of misleading, incorrect and illegal distributions derived from obsolete code bases. Don't use an obsolete code base!

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The people have already determined and demanded that public administration entities, national governments, and their supporting judicial systems must be fully transparent, accountable, and liable.

IJG has secured the value for all concerned free people of the planet.



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TO DO

=====

Version 9 is the second release of a new generation JPEG standard to overcome the limitations of the original JPEG specification, and is the first true source reference JPEG codec. More features are being prepared for coming releases...

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

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## 1.247 jackson-databind 1.9.13

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## 1.248 Idns 1.6.17

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/*
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# install - install a program, script, or datafile

scriptversion=2009-04-28.21; # UTC

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/\* From openssh4.3p2 compat/inet\_aton.c \*/

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ldnsx aims to fix this. It wraps around the ldns python bindings, working around its limitations and providing a well-documented, more pythonistic interface.

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## 1.251 zlib 1.0.4

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## 1.252 aopalliance-repackaged 2.4.0

## 1.253 openssh 5.4p1

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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
#endif
#endif
```

```
/* 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
```

```
#define INFTIM (-1) /* not standard */
```

```
int poll(struct pollfd *, nfd_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */
```

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```

[Tatu continues]

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- \*
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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
/*
```

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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 */

```

## 1.254 pcre 7.8-7.el6

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THE BASIC LIBRARY FUNCTIONS

-----

Written by: Philip Hazel

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553a641470496b2327abcac10b36396bd98e45

c9

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# 1.256 javax-annotation-api 1.2

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```
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```

```
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# 1.257 icu 58

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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) $@
```

### ## Bind internal references

```
# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic
```

```
# Dependencies [i.e. map files] for the final library
BIR_DEPS=
```

```
## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =
```

```
## End BSD-specific setup
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```

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```

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#
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#
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```

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# 1.259 sqlite 3.8.5

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# 1.260 python 2.6

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### 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     |
| 2.6            | 2.5       | 2008      | PSF        | yes     |

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## 1.261 openjdk 1.8.0u131

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```
## c-libutl 20160225
```

```
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#
```

```

#
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## xwd v1.0.7

### xwd utility

<pre>

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```
</pre>
# This file contains a list of people who've made non-trivial
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```

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include/GL/glxext.h
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## 1.267 grpcio-tools 1.21.1

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# 1.269 httpcomponents-core 4.4.3

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## 1.275 xz 5.0.4

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## 1.276 commons-lang3 3.4

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\*/

/\*\*

\* A registry for service provider objects.

\* <p/>

\* Service providers are looked up from the classpath, under the path

\* { @code META-INF/services/}&lt;full-class-name&gt;.

\* <p/>

\* For example:<br/>

\* { @code META-INF/services/com.company.package.spi.MyService }.

\* <p/>

\* The file should contain a list of fully-qualified concrete class names,  
 \* one per line.

\* <p/>

\* The <em>full-class-name</em> represents an interface or (typically) an  
 \* abstract class, and is the same class used as the category for this registry.

\* Note that only one instance of a concrete subclass may be registered with a  
 \* specific category at a time.

\* <p/>

\* <small>Implementation detail: This class is a clean room implementation of  
 \* a service registry and does not use the proprietary { @code sun.misc.Service }  
 \* class that is referred to in the <em>JAR File specification</em>.

\* This class should work on any Java platform.



```
* </small>
*
* @author <a href="mailto:harald.kuhr@gmail.com">Harald Kuhr</a>
* @version $Id: com/twelvemonkeys/util/service/ServiceRegistry.java#2 $
* @see RegisterableService
* @see <a href="http://java.sun.com/j2se/1.3/docs/guide/jar/jar.html#Service%20Provider">JAR File
Specification</a>
*/
```

Found in path(s):

```
* /opt/cola/permits/1000760692_1646171562.79/0/common-lang-3-4-sources-
jar/com/twelvemonkeys/util/service/ServiceRegistry.java
```

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*/
```

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```
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jar/com/twelvemonkeys/lang/Validate.java
```

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```
* /opt/cola/permits/1000760692_1646171562.79/0/common-lang-3-4-sources-
jar/com/twelvemonkeys/util/LRUMap.java
* /opt/cola/permits/1000760692_1646171562.79/0/common-lang-3-4-sources-
jar/com/twelvemonkeys/util/convert/pacakge_info.java
* /opt/cola/permits/1000760692_1646171562.79/0/common-lang-3-4-sources-
jar/com/twelvemonkeys/util/NullMap.java
* /opt/cola/permits/1000760692_1646171562.79/0/common-lang-3-4-sources-
jar/com/twelvemonkeys/util/LinkedList.java
* /opt/cola/permits/1000760692_1646171562.79/0/common-lang-3-4-sources-
jar/com/twelvemonkeys/util/StringTokenIterator.java
* /opt/cola/permits/1000760692_1646171562.79/0/common-lang-3-4-sources-
jar/com/twelvemonkeys/util/convert/ConversionException.java
* /opt/cola/permits/1000760692_1646171562.79/0/common-lang-3-4-sources-
jar/com/twelvemonkeys/util/package_info.java
* /opt/cola/permits/1000760692_1646171562.79/0/common-lang-3-4-sources-
```

jar/com/twelvemonkeys/util/service/ServiceConfigurationError.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/WeakWeakMap.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/Visitor.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/lang/ReflectUtil.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/lang/package\_info.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/lang/Platform.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/lang/DateUtil.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/regex/RegExTokenIterator.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/FilterIterator.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/convert/NumberConverter.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/service/RegisterableService.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/convert/Converter.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/convert/MissingTypeException.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/convert/PropertyConverter.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/regex/package\_info.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/TokenIterator.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/lang/StringUtil.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/IgnoreCaseMap.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/regex/WildcardStringParser.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/LRUHashMap.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/AbstractTokenIterator.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/lang/BeanUtil.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/DuplicateHandler.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/convert/NoAvailableConverterException.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-

jar/com/twelvemonkeys/util/TimeFormat.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/convert/DateConverter.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/AbstractDecoratedMap.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/lang/SystemUtil.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/ExpiringMap.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/service/package\_info.java  
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jar/com/twelvemonkeys/util/LinkedMap.java  
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jar/com/twelvemonkeys/util/BeanMap.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/Time.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/convert/TimeConverter.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/convert/TypeMismatchException.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/convert/ConverterImpl.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/TimeoutMap.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/CollectionUtil.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/util/convert/DefaultConverter.java

## 1.277 quartz 2.1.7

## 1.278 gmp 6.1.2

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## 1.279 jackson-xc 2.9.5

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# 1.280 tomcat-jdbc 8.0.43

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## 1.282 libyami 0.1.4

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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.

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| 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     |
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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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-----  
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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.client`` module contains the following notice::

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test\_epoll

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Select kqueue

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SipHash24

-----

The file `:file:`Python/pyhash.c`` contains Marek Majkowski' implementation of Dan Bernstein's SipHash24 algorithm. The contains the following note::

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Original location:

<https://github.com/majek/csiphash/>

Solution inspired by code from:

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djb ([supercop/crypto\\_auth/siphash24/little2](https://github.com/supercop/crypto_auth/siphash24/little2))

Jean-Philippe Aumasson (<https://131002.net/siphash/siphash24.c>)

strtod and dtoa

-----

The file `:file:`Python/dtoa.c``, which supplies C functions `dtoa` and

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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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## 1.287 perl 5.24.1

### 1.287.1 Available under license :

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

-----  
---  
abstract: 'Build and install Perl modules'  
author:  
- 'Ken Williams <kwilliams@cpan.org>'  
- "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-build@perl.org>."  
build\_requires:  
File::Temp: 0.15  
Test::Harness: 3.16  
Test::More: 0.49  
generated\_by: 'Module::Build version 0.3608'  
license: gpl  
meta-spec:  
url: <http://module-build.sourceforge.net/META-spec-v1.4.html>  
version: 1.4  
name: Module-Build  
resources:  
MailingList: <mailto:module-build@perl.org>  
license: <http://dev.perl.org/licenses/>  
repository: <http://github.com/dagolden/module-build/>  
version: 3

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```

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```

<signature of Ty Coon>, 1 April 1989

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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>
```

```
This program is free software; you can redistribute it and/or modify  
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```

```
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```

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```

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```

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```
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at assemblers) written by James Hacker.
```

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

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The End

#!perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

```
=cut
```

```
use strict;
```

```
use Config;
```

```
BEGIN { require './test.pl' }
```

```
if ( $Config{usecrosscompile} ) {
```

```
    skip_all( "Not all files are available during cross-compilation" );
```

```
}
```

```
my ($opt) = @ARGV;
```

```
my $readme_year = readme_year();
```

```
my $v_year = v_year();
```

```
# Check that both copyright dates are up-to-date, but only if requested, so
```

```
# that tests still pass for people intentionally working on older versions:
```

```
if ($opt eq '--now')
```

```
{
```

```
    my $current_year = (gmtime)[5] + 1900;
```

```
    is $v_year, $current_year, 'perl -v copyright includes current year';
```

```
    is $readme_year, $current_year, 'README copyright includes current year';
```

```
}
```

```
# Otherwise simply check that the two copyright dates match each other:
```

```
else
```

```
{
```

```
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
```

```
}
```

```
done_testing;
```

```
sub readme_year
```

```
# returns the latest copyright year from the top-level README file
```

```
{
```

```
    open my $readme, '<', './README' or die "Opening README failed: $!";
```

```

# The copyright message is the first paragraph:
local $/ = "";
my $copyright_msg = <$readme>;

my ($year) = $copyright_msg =~ /\.*\b(\d{4,})/s
    or die "Year not found in README copyright message '$copyright_msg'";

$year;
}

sub v_year
# returns the latest copyright year shown in perl -v
{

my $output = runperl switches => ['-v'];
my ($year) = $output =~ /copyright 1987.*\b(\d{4,})/i
    or die "Copyright statement not found in perl -v output '$output'";

$year;
}

```

## 1.288 Lucene 6.2.1

### 1.288.1 Available under license :

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## 1.292 jackson-databind 2.9.5

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# 1.293 libpng 1.6.20

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pnm2png / png2pnm --- conversion from PBM/PGM/PPM-file to PNG-file

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# 1.306 servlet-api 3.1.0

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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 *
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Glenn Randers-Pehrson  
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January 5, 2017

/\*-----

wpng - simple PNG-writing program                      writepng.c

-----

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-----\*/

```
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* PNGFILE.C -- Image File Functions  
*-----  
*  
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*
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## 1.314 xml-apis 1.3.04

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/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/CloseInputStream.java,v 1.9 2004/04/18 23:51:34 jsdever Exp \$

\* \$Revision: 291181 \$

\* \$Date: 2005-09-23 14:13:25 -0400 (Fri, 23 Sep 2005) \$

\*

\* =====

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\*/

```
package org.apache.commons.httpclient;
```

```
import java.io.FilterInputStream;
import java.io.IOException;
import java.io.InputStream;
```

```
/**
```

- \* Closes an underlying stream as soon as the end of the stream is reached, and
- \* notifies a client when it has done so.

```
*
```

```
* @author Ortwin Glueck
```

```
* @author Eric Johnson
```

```
* @author <a href="mailto:mbowler@GargoyleSoftware.com">Mike Bowler</a>
```

```
*
```

```
* @since 2.0
```

```
*/
```

```
class AutoCloseInputStream extends FilterInputStream {
```

```
/**
```

- \* True if this stream is open. Assume that the underlying stream
- \* is open until we get an EOF indication.

```
*/
```

```
private boolean streamOpen = true;
```

```
/** True if the stream closed itself. */
```

```
private boolean selfClosed = false;
```

```
/**
```

- \* The watcher is notified when the contents of the stream have
- \* been exhausted

```
*/
```

```
private ResponseConsumedWatcher watcher = null;
```

```
/**
```

```

* Create a new auto closing stream for the provided connection
*
* @param in the input stream to read from
* @param watcher To be notified when the contents of the stream have been
* consumed.
*/
public AutoCloseInputStream(
    final InputStream in, final ResponseConsumedWatcher watcher) {
    super(in);
    this.watcher = watcher;
}

/**
* Reads the next byte of data from the input stream.
*
* @throws IOException when there is an error reading
* @return the character read, or -1 for EOF
*/
public int read() throws IOException {
    int l = -1;

    if (isReadAllowed()) {
        // underlying stream not closed, go ahead and read.
        l = super.read();
        checkClose(l);
    }

    return l;
}

/**
* Reads up to <code>len</code> bytes of data from the stream.
*
* @param b a <code>byte</code> array to read data into
* @param off an offset within the array to store data
* @param len the maximum number of bytes to read
* @return the number of bytes read or -1 for EOF
* @throws IOException if there are errors reading
*/
public int read(byte[] b, int off, int len) throws IOException {
    int l = -1;

    if (isReadAllowed()) {
        l = super.read(b, off, len);
        checkClose(l);
    }

    return l;
}

```

```

}

/**
 * Reads some number of bytes from the input stream and stores them into the
 * buffer array b.
 *
 * @param b a <code>byte</code> array to read data into
 * @return the number of bytes read or -1 for EOF
 * @throws IOException if there are errors reading
 */
public int read(byte[] b) throws IOException {
    int l = -1;

    if (isReadAllowed()) {
        l = super.read(b);
        checkClose(l);
    }
    return l;
}

/**
 * Close the stream, and also close the underlying stream if it is not
 * already closed.
 * @throws IOException If an IO problem occurs.
 */
public void close() throws IOException {
    if (!selfClosed) {
        selfClosed = true;
        notifyWatcher();
    }
}

/**
 * Close the underlying stream should the end of the stream arrive.
 *
 * @param readResult The result of the read operation to check.
 * @throws IOException If an IO problem occurs.
 */
private void checkClose(int readResult) throws IOException {
    if (readResult == -1) {
        notifyWatcher();
    }
}

/**
 * See whether a read of the underlying stream should be allowed, and if
 * not, check to see whether our stream has already been closed!
 *

```

```

* @return <code>true</code> if it is still OK to read from the stream.
* @throws IOException If an IO problem occurs.
*/
private boolean isReadAllowed() throws IOException {
    if (!streamOpen && selfClosed) {
        throw new IOException("Attempted read on closed stream.");
    }
    return streamOpen;
}

/**
* Notify the watcher that the contents have been consumed.
* @throws IOException If an IO problem occurs.
*/
private void notifyWatcher() throws IOException {
    if (streamOpen) {
        super.close();
        streamOpen = false;

        if (watcher != null) {
            watcher.responseConsumed();
        }
    }
}
}
}

```

## 1.317 tomcat-coyote 8.0.43

## 1.318 expat 2.0.0

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## 1.319 sqlite 3.7.8

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```
/*
** 2001 September 15
**
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** a legal notice, here is a blessing:
**
**   May you do good and not evil.
**   May you find forgiveness for yourself and forgive others.
**   May you share freely, never taking more than you give.
**
*****
** This header file defines the interface that the SQLite library
** presents to client programs. If a C-function, structure, datatype,
** or constant definition does not appear in this file, then it is
** not a published API of SQLite, is subject to change without
```

\*\* notice, and should not be referenced by programs that use SQLite.  
\*\*  
\*\* Some of the definitions that are in this file are marked as  
\*\* "experimental". Experimental interfaces are normally new  
\*\* features recently added to SQLite. We do not anticipate changes  
\*\* to experimental interfaces but reserve the right to make minor changes  
\*\* if experience from use "in the wild" suggest such changes are prudent.  
\*\*  
\*\* The official C-language API documentation for SQLite is derived  
\*\* from comments in this file. This file is the authoritative source  
\*\* on how SQLite interfaces are suppose to operate.  
\*\*  
\*\* The name of this file under configuration management is "sqlite.h.in".  
\*\* The makefile makes some minor changes to this file (such as inserting  
\*\* the version number) and changes its name to "sqlite3.h" as  
\*\* part of the build process.  
\*/

## 1.320 jackson-jaxrs 2.9.5

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## 1.321 jersey-guava 2.22

## 1.322 tcsh 6.20.00

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```

```
*/
```

```
/*
```

```
* config.h -- configure various defines for tcsh
```

```
*
```

```
* All source files should #include this FIRST.
```

```
*
```

```
* Edit this to match your system type.
```

```
*/
```

```
#ifndef _h_config
```

```
#define _h_config
```

```
/****** System dependant compilation flags *****/
```

```
/*
```

```
* POSIX This system supports IEEE Std 1003.1-1988 (POSIX).
```

```
*/
```

```
#undef POSIX
```

```
/*
```

```
* POSIXJOBS This system supports the optional IEEE Std 1003.1-1988 (POSIX)
```

```
* job control facilities.
```

```
*/
```

```
#undef POSIXJOBS
```

```
/*
```

```
* VFORK This machine has a vfork().
```

```
* It used to be that for job control to work, this define
```

```
* was mandatory. This is not the case any more.
```

```
* If you think you still need it, but you don't have vfork,
```

```
* define this anyway and then do #define vfork fork.
```

```
* I do this anyway on a Sun because of yellow pages brain damage,
```

```
* [should not be needed under 4.1]
```

```
* and on the iris4d cause SGI's fork is sufficiently "virtual"
```

```
* that vfork isn't necessary. (Besides, SGI's vfork is weird).
```

```
* Note that some machines eg. rs6000 have a vfork, but not
```

```
* with the berkeley semantics, so we cannot use it there either.
```

```

*/
#define VFORK

/*
* BSDJOBS You have BSD-style job control (both process groups and
* a tty that deals correctly
*/
#define BSDJOBS

/*
* BSDTIMES You have BSD-style process time stuff (like rusage)
* This may or may not be true. For example, Apple Unix
* (OREO) has BSDJOBS but not BSDTIMES.
*/
#define BSDTIMES

/*
* BSDLIMIT You have BSD-style resource limit stuff (getrlimit/setrlimit)
*/
#define BSDLIMIT

/*
* TERMIO You have struct termio instead of struct sgtyb.
* This is usually the case for SYSV systems, where
* BSD uses sgtyb. POSIX systems should define this
* anyway, even though they use struct termios.
*/
#undef TERMIO

/*
* SYSVREL Your machine is SYSV based (HPUX, A/UX)
* NOTE: don't do this if you are on a Pyramid -- tcsh is
* built in a BSD universe.
* Set SYSVREL to 1, 2, 3, or 4, depending the version of System V
* you are running. Or set it to 0 if you are not SYSV based
*/
#define SYSVREL 0

/*
* YPBUGS Work around Sun YP bugs that cause expansion of ~username
* to send command output to /dev/null
*/
#undef YPBUGS

/***** local defines *****/

#endif /* _h_config */

```

# 1.323 tomcat-util-scan 8.0.43

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## 1.324 Izo 2.10

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The original code is FirewallControl.pas, released April 16, 2007.

The initial developer of the original code is Rainer Budde (<http://www.speed-soft.de>).

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# 1.326 libproxy 0.4.12

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