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 \*/

```
package org.apache.commons.codec;
```

```
/**
```

```
* Defines common decoding methods for byte array decoders.
```

```
*
```

```
* @author Apache Software Foundation
```

```
* @version $Id: BinaryDecoder.java,v 1.10 2004/06/15 18:14:15 ggregory Exp $
```

```
*/
```

```
public interface BinaryDecoder extends Decoder {
```

```
/**
```

```
* Decodes a byte array and returns the results as a byte array.
```

```
*
```

```
* @param pArray A byte array which has been encoded with the
```

```
* appropriate encoder
```

```
*
```

```
* @return a byte array that contains decoded content
```

```
*
```

```
* @throws DecoderException A decoder exception is thrown
```

```
* if a Decoder encounters a failure condition during
```

```
* the decode process.
```

```
*/
```

```
byte[] decode(byte[] pArray) throws DecoderException;
```

```
}
```

The commons-codec team is pleased to announce the Codec 1.3 release!

<http://jakarta.apache.org/commons/codec/>

The codec package contains simple encoder and decoders for various formats such as Base64 and Hexadecimal. In addition to these widely used encoders and decoders, the codec package also maintains a collection of phonetic encoding utilities.

Changes in this version include:

New Features:

- o BinaryCodec: Encodes and decodes binary to and from Strings of 0s and 1s.

Issue: 27813. Thanks to Alex Karasulu.



- o QuotedPrintableCodec: Codec for RFC 1521 MIME (Multipurpose Internet Mail Extensions) Part One. Rules #3, #4, and #5 of the quoted-printable spec are not implemented yet. See also issue 27789. Issue: 26617. Thanks to Oleg Kalnichevski.
- o BCodec: Identical to the Base64 encoding defined by RFC 1521 and allows a character set to be specified. Issue: 26617. Thanks to Oleg Kalnichevski.
- o QCodec: Similar to the Quoted-Printable content-transfer-encoding defined in RFC 1521 and designed to allow text containing mostly ASCII characters to be decipherable on an ASCII terminal without decoding. Issue: 26617. Thanks to Oleg Kalnichevski.
- o Soundex: Implemented the DIFFERENCE algorithm. Issue: 25243. Thanks to Matthew Inger.
- o RefinedSoundex: Implemented the DIFFERENCE algorithm. Issue: 25243. Thanks to Matthew Inger.

Fixed bugs:

- o The default URL encoding logic was broken. Issue: 25995. Thanks to Oleg Kalnichevski.
- o Base64 chunked encoding not compliant with RFC 2045 section 2.1 CRLF. Issue: 27781. Thanks to Gary D. Gregory.
- o Hex converts illegal characters to 255. Issue: 28455.
- o Metaphone now correctly handles a silent B in a word that ends in MB. "COMB" is encoded as "KM", before this fix "COMB" was encoded as "KMB". Issue: 28457.
- o Added missing tags in Javadoc comments.
- o General Javadoc improvements.

Changes:

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- o The Board recommendation to remove Javadoc author tags has been implemented. All author tags are now "Apache Software Foundation".

Have fun!

-The commons-codec team

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AOP alliance (<http://aopalliance.sourceforge.net>) aopalliance:aopalliance:jar:1.0

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ASM (<http://asm.objectweb.org/asm/asm>) asm:asm:jar:2.2.3:compile

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Sun JAXB Reference Implementation Runtime com.sun.xml.bind:jaxb-impl:jar:2.1.9:compile

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Sun JAXB Reference Implementation Tools com.sun.xml.bind:jaxb-xjc:jar:2.1.9:compile

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Sun SAAJ Reference Implementation com.sun.xml.messaging.saaj:saaj-impl:jar:1.3.2:compile

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HttpClient (<http://jakarta.apache.org/httpcomponents/httpclient-3.x/>) commons-httpclient:commons-  
httpclient:jar:3.1

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JSR 311 API (<https://jsr311.dev.java.net/>) javax.ws.rs:jsr311-api:jar:0.8:compile

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Java Architecture for XML Binding (JAXB API) javax.xml.bind:jaxb-api:jar:2.1:compile

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Sun SAAJ API (<http://java.sun.com/webservices/saaj/index.jsp/saaj-api>) javax.xml.soap:saaj-api:jar:1.3:compile  
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Jaxen (<http://jaxen.codehaus.org/jaxen>) jaxen:jaxen:jar:1.1:compile  
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JDOM jdom:jdom:jar:1.0:compile  
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Bouncy Castle Provider (<http://www.bouncycastle.org/java.html>) org.bouncycastle:bcprov-jdk15:jar:1.43  
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License: Mozilla Public License version 1.1 (<http://www.mozilla.org/MPL/MPL-1.1.html>)

WSDL4J (<http://sf.net/projects/wsd4j>) wsdl4j:wsdl4j:jar:1.6.2  
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### 2.2.10

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(last updated \$Date: 2002-12-10 03:15:21 +1100 (Tue, 10 Dec 2002) \$)

This distribution includes a binary distribution of Mozilla Rhino 1.6 release 5 plus one patch.

You can get the unpatched 1.6R5 release of Rhino from the following URL:

[ftp://ftp.mozilla.org/pub/mozilla.org/js/rhino1\\_6R5.zip](ftp://ftp.mozilla.org/pub/mozilla.org/js/rhino1_6R5.zip)

To obtain the source code for the 1.6R5 release of Rhino, issue the following commands:

```
cvs -d :pserver:anonymous@cvs-mirror.mozilla.org:/cvsroot \  
co -D2006-11-20 mozilla/js/rhino
```

The patch is available here:

<https://bugzilla.mozilla.org/attachment.cgi?id=288467>

which is attached to this bug:

[https://bugzilla.mozilla.org/show\\_bug.cgi?id=367627](https://bugzilla.mozilla.org/show_bug.cgi?id=367627)

Rhino is licensed under both the MPL (Mozilla Public License) 1.1 and the GPL (GNU General Public License) 2.0, which are duplicated below.

The Rhino jar also includes four classes:

```
org.mozilla.javascript.tools.debugger.downloaded.AbstractCellEditor.java  
org.mozilla.javascript.tools.debugger.downloaded.JTreeTable.java  
org.mozilla.javascript.tools.debugger.downloaded.TreeTableModel.java  
org.mozilla.javascript.tools.debugger.downloaded.TreeTableModelAdapter.java
```

Which come from:

<http://java.sun.com/products/jfc/tsc/articles/treetable2>

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Version 2.1, February 1999

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Version 1.1

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SUQqAo+2EZYoJckfhth6fh23Zyc5yYnqg981De7exCJ1L/fiDZ4qOCEpRvwtpkeQVjnsX5  
vVUmLRCPJus7SVRHn3Fe0

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# 1.89 dozer 5.2.1

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 */
package org.dozer.jmx;

import org.apache.commons.logging.Log;
import org.apache.commons.logging.LogFactory;
import org.dozer.util.InitLogger;

import javax.management.InstanceAlreadyExistsException;
import javax.management.InstanceNotFoundException;
import javax.management.MBeanRegistrationException;
import javax.management.MBeanServer;
import javax.management.MalformedObjectNameException;
import javax.management.NotCompliantMBeanException;
import javax.management.ObjectName;
import java.lang.management.ManagementFactory;

/**
 * Default JMX Platform implementation working with java.lang.management.ManagementFactory.
 *
 * @author dmitry.buzdin
 */
public class JMXPlatformImpl implements JMXPlatform {

    private static final Log log = LogFactory.getLog(JMXPlatformImpl.class);

    public boolean isAvailable() {
        try {
            Class.forName("java.lang.management.ManagementFactory");
        }
    }
}
```

```

    Class.forName("javax.management.ObjectName");
    Class.forName("javax.management.MBeanServer");
    return true;
} catch (Throwable t) {
    return false;
}
}

public void registerMBean(String name, Object bean) throws MalformedObjectNameException,
MBeanRegistrationException, NotCompliantMBeanException {
    ObjectName mbeanObjectName = new ObjectName(name);
    unregister(name, mbeanObjectName);
    register(name, bean, mbeanObjectName);
}

public void unregisterMBean(String name) throws MBeanRegistrationException, MalformedObjectNameException
{
    ObjectName mbeanObjectName = new ObjectName(name);
    unregister(name, mbeanObjectName);
}

private void register(String name, Object bean, ObjectName mbeanObjectName) throws
MBeanRegistrationException, NotCompliantMBeanException {
    MBeanServer mbs = ManagementFactory.getPlatformMBeanServer();
    try {
        mbs.registerMBean(bean, mbeanObjectName);
        InitLogger.log(log, "Dozer JMX MBean [" + name + "] auto registered with the Platform MBean Server");
    } catch (InstanceAlreadyExistsException e) {
        InitLogger.log(log, "JMX MBean instance exists, unable to overwrite [" + name + "].");
    }
}

private void unregister(String name, ObjectName mbeanObjectName) throws MBeanRegistrationException {
    MBeanServer mbs = ManagementFactory.getPlatformMBeanServer();
    boolean isMBeanRegistered = mbs.isRegistered(mbeanObjectName);
    if (isMBeanRegistered) {
        InitLogger.log(log, "Unregistering existing Dozer JMX MBean [" + name + "].");
        try {
            mbs.unregisterMBean(mbeanObjectName);
        } catch (InstanceNotFoundException e) {
            InitLogger.log(log, "JMX MBean not found to unregister [" + name + "].");
        }
    }
}

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```



```

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package org.dozer.stats;

import org.apache.commons.logging.Log;
import org.apache.commons.logging.LogFactory;
import org.dozer.config.GlobalSettings;
import org.dozer.util.MappingUtils;

import java.util.HashSet;
import java.util.Map;
import java.util.Map.Entry;
import java.util.Set;
import java.util.concurrent.ConcurrentHashMap;

/**
 * Internal class that manages the Dozer runtime statistics. Only intended for internal use.
 *
 * @author tierney.matt
 */
public final class StatisticsManagerImpl implements StatisticsManager {

    private static final Log log = LogFactory.getLog(StatisticsManagerImpl.class);

    private final Map<StatisticType, Statistic<?>> statisticsMap = new ConcurrentHashMap<StatisticType,
Statistic<?>>();
    private boolean isStatisticsEnabled = GlobalSettings.getInstance().isStatisticsEnabled();

    public void clearAll() {
        statisticsMap.clear();
    }

    public Set<StatisticEntry> getStatisticEntries(StatisticType statisticType) {
        return getStatistic(statisticType).getEntries();
    }

    public Set<Statistic<?>> getStatistics() {

```

```

    return new HashSet<Statistic<?>>(statisticsMap.values());
}

public boolean isStatisticsEnabled() {
    return isStatisticsEnabled;
}

public void setStatisticsEnabled(boolean statisticsEnabled) {
    this.isStatisticsEnabled = statisticsEnabled;
    GlobalSettings.getInstance().setStatisticsEnabled(statisticsEnabled);
}

@SuppressWarnings("unchecked")
protected <T extends Enum<StatisticType>> Statistic<T> getStatistic(T statisticType) {
    Statistic<T> result = (Statistic<T>) statisticsMap.get(statisticType);
    if (result == null) {
        MappingUtils.throwMappingException("Unable to find statistic for type: " + statisticType);
    }
    return result;
}

public Set<StatisticType> getStatisticTypes() {
    Set<StatisticType> results = new HashSet<StatisticType>();
    for (Entry<StatisticType, Statistic<?>> entry : statisticsMap.entrySet()) {
        results.add(entry.getKey());
    }
    return results;
}

/*
 * Convenience method that should only be used for statistic types that will only ever have 1 statistic entry(value).
 * For stats that only have one entry, it is assumed that the single entrie's key is the same as the stat type name
 */
public void increment(StatisticType statisticType) {
    increment(statisticType, 1);
}

public void increment(StatisticType statisticType, long value) {
    increment(statisticType, statisticType, value);
}

public void increment(StatisticType statisticType, Object statisticEntryKey) {
    increment(statisticType, statisticEntryKey, 1);
}

protected void increment(StatisticType statisticType, Object statisticEntryKey, long value) {
    // If statistics are not enabled, just return and do nothing.
    if (!isStatisticsEnabled()) {

```

```

    return;
}

if (statisticType == null) {
    throw new IllegalArgumentException("statistic type must be specified");
}

if (statisticEntryKey == null) {
    throw new IllegalArgumentException("statistic entry key must be specified");
}

// Get Statistic object for the specified type. If it doesnt already exist, create it
Statistic statistic = statisticsMap.get(statisticType);
if (statistic == null) {
    statistic = new Statistic(statisticType);
    statistic = addStatistic(statistic);
}

// Get the Statistic Entry object which contains the actual value.
// If it doesnt already exist, create it so that it can be incremented
StatisticEntry statisticEntry;
statisticEntry = statistic.getEntry(statisticEntryKey);
if (statisticEntry == null) {
    statisticEntry = new StatisticEntry(statisticEntryKey);
    statistic.addEntry(statisticEntry);
}

// Increment the actual value
statisticEntry.increment(value);
}

/*
 * Convenience method that should only be used for statistic types that will only ever have 1 statistic entry(value).
 * getStatisticEntries() should be used for statistic types that have more than 1 statistic entry(value)
 */
public long getStatisticValue(StatisticType statisticType) {
    Set<StatisticEntry> entries = getStatistic(statisticType).getEntries();
    if (entries.size() > 1) {
        throw new IllegalArgumentException("More than one value entry found for stat type: " + statisticType);
    }
    return (entries.iterator().next()).getValue();
}

public long getStatisticValue(StatisticType statisticType, Object entryKey) {
    StatisticEntry statisticEntry = getStatistic(statisticType).getEntry(entryKey);
    if (statisticEntry == null) {
        throw new IllegalStateException("Statistics entry not found: " + statisticType + " for key: " + entryKey);
    }
}

```

```

return statisticEntry.getValue();
}

protected Statistic addStatistic(Statistic<?> statistic) {
    if (!StatisticExists((StatisticType) statistic.getType())) {
        statisticsMap.put((StatisticType) statistic.getType(), statistic);
    }
    return statisticsMap.get((StatisticType) statistic.getType());
}

public boolean statisticExists(StatisticType statisticType) {
    return statisticsMap.containsKey(statisticType);
}

public void logStatistics() {
    log.info(getStatistics());
}
}
}

```

## 1.90 dwr 1.0

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# 1.91 EhCache 2.9.1

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## 1.92 ehcache-jgroupsreplication 1.7.0

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[PCRE]

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions.

## THE BASIC LIBRARY FUNCTIONS

-----

Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

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## THE C++ WRAPPER FUNCTIONS

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-----  
[Misc C library code]

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 */
```

-----  
[zlib]

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.3, July 18th, 2005
```

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

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[edoc, syntax\_tools]

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[leex]

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## 1.113 httpcore 4.4.1 4.4.1

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# 1.118 jackson-core-asl 1.9.11

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## 1.119 jackson-databind 2.4.1.1

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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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# 1.120 jakarta-ORO 2.0.6

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# 1.126 JavaMail API 1.4.1

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## 1.127 JavaMail API 1.4\_D

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# 1.128 JavaService 1.2 :4

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## 1.129 javax.xml.stream 1.0.1

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com/sun/xml/xsom/impl/util/Uri.java  
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Alexey Loubyansky <alex@jboss.org>  
Alexey Loubyansky <olubyans@tstudio.(none)>

Andrew Dinn <adinn@redhat.com>  
Andrew Lee Rubinger <alr@jboss.org>  
Andy Taylor <ataylor@redhat.com>  
Anil Saldhana <anil.saldhana@jboss.com>  
Aslak Knutsen <aslak@redhat.com>  
Bob McWhirter <bob@mcwhirter.org>  
Brian Stansberry <brian.stansberry@jboss.com>  
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Carlo de Wolf <carlo@nerdnet.nl>  
Carlo de Wolf <cdewolf@redhat.com>  
Darran Lofthouse <darran.lofthouse@jboss.com>  
David Bosschaert <david.bosschaert@gmail.com>  
David M. Lloyd <david.lloyd@redhat.com>  
David M. Lloyd <dmlloyd@flurg.com>  
Dimitris Andreadis <dandread@redhat.com>  
Dimitris Andreadis <dimitris@redhat.com>  
Emanuel Muckenhuber <emuckenh@redhat.com>  
Flavia Rainone <flavia.rainone@jboss.com>  
Heiko Braun <ike.braun@googlemail.com>  
Howard Gao <hgao@redhat.com>  
Jaikiran Pai <jaikiran.pai@gmail.com>  
James Perkins <jperkins@redhat.com>  
James Perkins <jrperkinsjr@gmail.com>  
Jason T. Greene <jason.greene@redhat.com>  
Jason T. Greene <jason@stacksmash.com>  
Jean-Frederic Clere <jfclere@gmail.com>  
Jean-Frederic Clere <jfclere@jfcpc.(none)>  
Jeff Zhang <jeff.zhang@jboss.org>  
Jesper Pedersen <jesper.pedersen@redhat.com>  
Jim Ma <ema@redhat.com>  
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Jonathan Pearlin <jdp.grails.dev@gmail.com>  
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Marius Bogoevici <marius.bogoevici@gmail.com>  
Max Rydahl Andersen <max@jboss.org>  
Paul Ferraro <paul.ferraro@redhat.com>  
Paul Gier <pgier@redhat.com>  
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Richard Opalka <ropalka@redhat.com>  
RÃ©my Maucherat <remm@ws.remm.hd.free.fr>  
RÃ©my Maucherat <rmaucher@redhat.com>  
Scott M Stark <scott.stark@jboss.org>  
Scott Marlow <smarlow@redhat.com>

Shelly McGowan <smcgowan@redhat.com>  
Stan Silvert <ssilvert@jboss.com>  
Stan Silvert <ssilvert@redhat.com>  
Stefan Guilhen <sguilhen@redhat.com>  
Stefano Maestri <stefano.maestri@javalinux.it>  
Steve Ebersole <steve@hibernate.org>  
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Thomas Diesler <thomas.diesler@jboss.com>  
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\*/

# 1.141 jettison 1.2

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## 1.146 jfreechart 0.9.21

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# 1.147 JGroups 3.6.4.FINAL

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# 1.148 JGroups-all 2.6.8

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# 1.166 less-rhino.js 1.3.3

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```
//  
// Stub out `require` in rhino  
//  
function require(arg) {  
    return less[arg.split('/')[1]];  
};  
  
// ecma-5.js  
//  
// -- kriskowal Kris Kowal Copyright (C) 2009-2010 MIT License  
// -- tlobinson Tom Robinson  
// dantman Daniel Friesen  
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```

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



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# 1.195 org.springframework.aop

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# 1.199 org.springframework.beans

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*/
```

```
package org.springframework.beans.factory.access.el;
```

```
import javax.el.ELContext;
```

```
import org.springframework.beans.factory.BeanFactory;
```

```
import org.springframework.util.Assert;
```

```
/**
```

```
 * Simple concrete variant of {@link SpringBeanELResolver}, delegating  
 * to a given {@link BeanFactory} that the resolver was constructed with.
```

```
 *
```

```
 * @author Juergen Hoeller
```

```
 * @since 2.5.2
```

```
*/
```

```
public class SimpleSpringBeanELResolver extends SpringBeanELResolver {
```

```
    private final BeanFactory beanFactory;
```

```
    /**
```

```
     * Create a new SimpleSpringBeanELResolver for the given BeanFactory.
```

```
     * @param beanFactory the Spring BeanFactory to delegate to
```

```
     */
```

```
    public SimpleSpringBeanELResolver(BeanFactory beanFactory) {
```

```
        Assert.notNull(beanFactory, "BeanFactory must not be null");
```

```
        this.beanFactory = beanFactory;
```

```
    }
```

```
    @Override
```

```
    protected BeanFactory getBeanFactory(ELContext elContext) {
```

```
        return this.beanFactory;
```

```
    }
```

```
 }
```

```
 /**
```

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 *
```

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```
package org.springframework.beans.factory.support;
```

```
import java.util.ArrayList;  
import java.util.List;
```

```
import org.springframework.beans.BeanMetadataElement;  
import org.springframework.beans.Mergeable;
```

```
/**
```

```
* Tag collection class used to hold managed List elements, which may  
* include runtime bean references (to be resolved into bean objects).
```

```
*
```

```
* @author Rod Johnson
```

```
* @author Rob Harrop
```

```
* @author Juergen Hoeller
```

```
* @since 27.05.2003
```

```
*/
```

```
public class ManagedList<E> extends ArrayList<E> implements Mergeable, BeanMetadataElement {
```

```
    private Object source;
```

```
    private String elementTypeName;
```

```
    private boolean mergeEnabled;
```

```
    public ManagedList() {  
    }
```

```
    public ManagedList(int initialCapacity) {  
        super(initialCapacity);  
    }
```

```
/**
```

```
* Set the configuration source Object for this metadata element.
```

```
* 

The exact type of the object will depend on the configuration mechanism used.


```

```
*/
```

```
    public void setSource(Object source) {  
        this.source = source;  
    }
```

```

public Object getSource() {
    return this.source;
}

/**
 * Set the default element type name (class name) to be used for this list.
 */
public void setElementTypeName(String elementTypeName) {
    this.elementTypeName = elementTypeName;
}

/**
 * Return the default element type name (class name) to be used for this list.
 */
public String getElementTypeName() {
    return this.elementTypeName;
}

/**
 * Set whether merging should be enabled for this collection,
 * in case of a 'parent' collection value being present.
 */
public void setMergeEnabled(boolean mergeEnabled) {
    this.mergeEnabled = mergeEnabled;
}

public boolean isMergeEnabled() {
    return this.mergeEnabled;
}

@SuppressWarnings("unchecked")
public List<E> merge(Object parent) {
    if (!this.mergeEnabled) {
        throw new IllegalStateException("Not allowed to merge when the 'mergeEnabled' property is set to 'false'");
    }
    if (parent == null) {
        return this;
    }
    if (!(parent instanceof List)) {
        throw new IllegalArgumentException("Cannot merge with object of type [" + parent.getClass() + "]");
    }
    List<E> merged = new ManagedList<E>();
    merged.addAll((List) parent);
    merged.addAll(this);
    return merged;
}

```

```

}
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 */

```

```
package org.springframework.beans.factory.support;
```

```
import java.lang.reflect.Method;
```

```

/**
 * Interface to be implemented by classes that can reimplement any method
 * on an IoC-managed object: the <b>Method Injection</b> form of
 * Dependency Injection.
 *
 * <p>Such methods may be (but need not be) abstract, in which case the
 * container will create a concrete subclass to instantiate.
 *
 * @author Rod Johnson
 * @since 1.1
 */

```

```
public interface MethodReplacer {
```

```

/**
 * Reimplement the given method.
 * @param obj the instance we're reimplementing the method for
 * @param method the method to reimplement
 * @param args arguments to the method
 * @return return value for the method
 */
Object reimplement(Object obj, Method method, Object[] args) throws Throwable;

```

```

}
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- \*/

```
package org.springframework.beans.factory.support;
```

```
import java.lang.reflect.Method;
import java.util.LinkedList;
import java.util.List;
```

```
import org.springframework.util.Assert;
import org.springframework.util.ObjectUtils;
```

```
/**
```

```
* Extension of MethodOverride that represents an arbitrary
* override of a method by the IoC container.
*
* <p>Any non-final method can be overridden, irrespective of its
* parameters and return types.
*
* @author Rod Johnson
* @author Juergen Hoeller
* @since 1.1
```

```
*/
```

```
public class ReplaceOverride extends MethodOverride {
```

```
    private final String methodReplacerBeanName;
```

```
    private List<String> typeIdentifiers = new LinkedList<String>();
```

```
/**
```

```
* Construct a new ReplaceOverride.
* @param methodName the name of the method to override
* @param methodReplacerBeanName the bean name of the MethodReplacer
*/
```

```
public ReplaceOverride(String methodName, String methodReplacerBeanName) {
    super(methodName);
```

```
    Assert.notNull(methodName, "Method replacer bean name must not be null");
```

```
    this.methodReplacerBeanName = methodReplacerBeanName;
```

```

}

/**
 * Return the name of the bean implementing MethodReplacer.
 */
public String getMethodReplacerBeanName() {
    return this.methodReplacerBeanName;
}

/**
 * Add a fragment of a class string, like "Exception"
 * or "java.lang.Exc", to identify a parameter type.
 * @param identifier a substring of the fully qualified class name
 */
public void addTypeIdentifier(String identifier) {
    this.typeIdentifiers.add(identifier);
}

@Override
public boolean matches(Method method) {
    // TODO could cache result for efficiency
    if (!method.getName().equals(getMethodName())) {
        // It can't match.
        return false;
    }

    if (!isOverloaded()) {
        // No overloaded: don't worry about arg type matching.
        return true;
    }

    // If we get to here, we need to insist on precise argument matching.
    if (this.typeIdentifiers.size() != method.getParameterTypes().length) {
        return false;
    }
    for (int i = 0; i < this.typeIdentifiers.size(); i++) {
        String identifier = this.typeIdentifiers.get(i);
        if (!method.getParameterTypes()[i].getName().contains(identifier)) {
            // This parameter cannot match.
            return false;
        }
    }
    return true;
}

@Override

```

```

public String toString() {
    return "Replace override for method '" + getMethodName() + "; will call bean '" +
        this.methodReplacerBeanName + "'";
}

@Override
public boolean equals(Object other) {
    if (!(other instanceof ReplaceOverride) || !super.equals(other)) {
        return false;
    }
    ReplaceOverride that = (ReplaceOverride) other;
    return (ObjectUtils.nullSafeEquals(this.methodReplacerBeanName, that.methodReplacerBeanName) &&
        ObjectUtils.nullSafeEquals(this.typeIdentifiers, that.typeIdentifiers));
}

@Override
public int hashCode() {
    int hashCode = super.hashCode();
    hashCode = 29 * hashCode + ObjectUtils.nullSafeHashCode(this.methodReplacerBeanName);
    hashCode = 29 * hashCode + ObjectUtils.nullSafeHashCode(this.typeIdentifiers);
    return hashCode;
}

}

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 */

package org.springframework.beans.factory.support;

import org.springframework.beans.factory.config.BeanDefinition;
import org.springframework.beans.factory.config.BeanDefinitionHolder;
import org.springframework.beans.factory.config.DependencyDescriptor;

/**

```



```

* {@link AutowireCandidateResolver} implementation to use when no annotation
* support is available. This implementation checks the bean definition only.
*
* @author Mark Fisher
* @author Juergen Hoeller
* @since 2.5
* @see BeanDefinition#isAutowireCandidate()
*/
public class SimpleAutowireCandidateResolver implements AutowireCandidateResolver {

    /**
     * Determine if the provided bean definition is an autowire candidate.
     * <p>To be considered a candidate the bean's <em>autowire-candidate</em>
     * attribute must not have been set to 'false'.
     */
    public boolean isAutowireCandidate(BeanDefinitionHolder bdHolder, DependencyDescriptor descriptor) {
        return bdHolder.getBeanDefinition().isAutowireCandidate();
    }

    public Object getSuggestedValue(DependencyDescriptor descriptor) {
        return null;
    }

}

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 */

package org.springframework.beans.factory.support;

import java.util.Map;
import java.util.concurrent.ConcurrentHashMap;

import org.springframework.beans.factory.BeanDefinitionStoreException;
import org.springframework.beans.factory.NoSuchBeanDefinitionException;
import org.springframework.beans.factory.config.BeanDefinition;

```

```

import org.springframework.core.SimpleAliasRegistry;
import org.springframework.util.Assert;
import org.springframework.util.StringUtils;

/**
 * Simple implementation of the {@link BeanDefinitionRegistry} interface.
 * Provides registry capabilities only, with no factory capabilities built in.
 * Can for example be used for testing bean definition readers.
 *
 * @author Juergen Hoeller
 * @since 2.5.2
 */
public class SimpleBeanDefinitionRegistry extends SimpleAliasRegistry implements BeanDefinitionRegistry {

    /** Map of bean definition objects, keyed by bean name */
    private final Map<String, BeanDefinition> beanDefinitionMap = new ConcurrentHashMap<String,
    BeanDefinition>();

    public void registerBeanDefinition(String beanName, BeanDefinition beanDefinition)
        throws BeanDefinitionStoreException {

        Assert.hasText(beanName, "'beanName' must not be empty");
        Assert.notNull(beanDefinition, "BeanDefinition must not be null");
        this.beanDefinitionMap.put(beanName, beanDefinition);
    }

    public void removeBeanDefinition(String beanName) throws NoSuchBeanDefinitionException {
        if (this.beanDefinitionMap.remove(beanName) == null) {
            throw new NoSuchBeanDefinitionException(beanName);
        }
    }

    public BeanDefinition getBeanDefinition(String beanName) throws NoSuchBeanDefinitionException {
        BeanDefinition bd = this.beanDefinitionMap.get(beanName);
        if (bd == null) {
            throw new NoSuchBeanDefinitionException(beanName);
        }
        return bd;
    }

    public boolean containsBeanDefinition(String beanName) {
        return this.beanDefinitionMap.containsKey(beanName);
    }

    public String[] getBeanDefinitionNames() {
        return StringUtils.toStringArray(this.beanDefinitionMap.keySet());
    }
}

```

```

public int getBeanDefinitionCount() {
    return this.beanDefinitionMap.size();
}

public boolean isBeanNameInUse(String beanName) {
    return isAlias(beanName) || containsBeanDefinition(beanName);
}

}
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 */

package org.springframework.beans.factory.support;

import java.lang.reflect.Constructor;
import java.lang.reflect.InvocationTargetException;
import java.lang.reflect.Method;
import java.security.AccessController;
import java.security.PrivilegedAction;
import java.security.PrivilegedExceptionAction;

import org.springframework.beans.BeanInstantiationException;
import org.springframework.beans.BeanUtils;
import org.springframework.beans.factory.BeanDefinitionStoreException;
import org.springframework.beans.factory.BeanFactory;
import org.springframework.util.ReflectionUtils;
import org.springframework.util.StringUtils;

/**
 * Simple object instantiation strategy for use in a BeanFactory.
 *
 * <p>Does not support Method Injection, although it provides hooks for subclasses
 * to override to add Method Injection support, for example by overriding methods.
 */

```

```

* @author Rod Johnson
* @author Juergen Hoeller
* @since 1.1
*/
public class SimpleInstantiationStrategy implements InstantiationStrategy {

    private static final ThreadLocal<Method> currentlyInvokedFactoryMethod = new ThreadLocal<Method>();

    public Object instantiate(RootBeanDefinition beanDefinition, String beanName, BeanFactory owner) {
        // Don't override the class with CGLIB if no overrides.
        if (beanDefinition.getMethodOverrides().isEmpty()) {
            Constructor<?> constructorToUse;
            synchronized (beanDefinition.constructorArgumentLock) {
                constructorToUse = (Constructor<?>) beanDefinition.resolvedConstructorOrFactoryMethod;
                if (constructorToUse == null) {
                    final Class clazz = beanDefinition.getBeanClass();
                    if (clazz.isInterface()) {
                        throw new BeanInstantiationException(clazz, "Specified class is an interface");
                    }
                    try {
                        if (System.getSecurityManager() != null) {
                            constructorToUse = AccessController.doPrivileged(new PrivilegedExceptionAction<Constructor>() {
                                public Constructor run() throws Exception {
                                    return clazz.getDeclaredConstructor((Class[]) null);
                                }
                            });
                        }
                        else {
                            constructorToUse = clazz.getDeclaredConstructor((Class[]) null);
                        }
                        beanDefinition.resolvedConstructorOrFactoryMethod = constructorToUse;
                    }
                    catch (Exception ex) {
                        throw new BeanInstantiationException(clazz, "No default constructor found", ex);
                    }
                }
            }
            return BeanUtils.instantiateClass(constructorToUse);
        }
        else {
            // Must generate CGLIB subclass.
            return instantiateWithMethodInjection(beanDefinition, beanName, owner);
        }
    }

    /**
     * Subclasses can override this method, which is implemented to throw
     * UnsupportedOperationException, if they can instantiate an object with

```

```

* the Method Injection specified in the given RootBeanDefinition.
* Instantiation should use a no-arg constructor.
*/
protected Object instantiateWithMethodInjection(
    RootBeanDefinition beanDefinition, String beanName, BeanFactory owner) {

    throw new UnsupportedOperationException(
        "Method Injection not supported in SimpleInstantiationStrategy");
}

public Object instantiate(RootBeanDefinition beanDefinition, String beanName, BeanFactory owner,
    final Constructor<?> ctor, Object[] args) {

    if (beanDefinition.getMethodOverrides().isEmpty()) {
        if (System.getSecurityManager() != null) {
            // use own privileged to change accessibility (when security is on)
            AccessController.doPrivileged(new PrivilegedAction<Object>() {
                public Object run() {
                    ReflectionUtils.makeAccessible(ctor);
                    return null;
                }
            });
        }
        return BeanUtils.instantiateClass(ctor, args);
    }
    else {
        return instantiateWithMethodInjection(beanDefinition, beanName, owner, ctor, args);
    }
}

/**
 * Subclasses can override this method, which is implemented to throw
 * UnsupportedOperationException, if they can instantiate an object with
 * the Method Injection specified in the given RootBeanDefinition.
 * Instantiation should use the given constructor and parameters.
 */
protected Object instantiateWithMethodInjection(RootBeanDefinition beanDefinition,
    String beanName, BeanFactory owner, Constructor ctor, Object[] args) {

    throw new UnsupportedOperationException(
        "Method Injection not supported in SimpleInstantiationStrategy");
}

public Object instantiate(RootBeanDefinition beanDefinition, String beanName, BeanFactory owner,
    Object factoryBean, final Method factoryMethod, Object[] args) {

    try {
        if (System.getSecurityManager() != null) {

```

```

AccessController.doPrivileged(new PrivilegedAction<Object>() {
    public Object run() {
        ReflectionUtils.makeAccessible(factoryMethod);
        return null;
    }
});
}
else {
    ReflectionUtils.makeAccessible(factoryMethod);
}

Method priorInvokedFactoryMethod = currentlyInvokedFactoryMethod.get();
try {
    currentlyInvokedFactoryMethod.set(factoryMethod);
    return factoryMethod.invoke(factoryBean, args);
} finally {
    if (priorInvokedFactoryMethod != null) {
        currentlyInvokedFactoryMethod.set(priorInvokedFactoryMethod);
    }
    else {
        currentlyInvokedFactoryMethod.remove();
    }
}
}
catch (IllegalArgumentException ex) {
    throw new BeanDefinitionStoreException(
        "Illegal arguments to factory method [" + factoryMethod + "]; " +
        "args: " + StringUtils.arrayToCommaDelimitedString(args));
}
catch (IllegalAccessException ex) {
    throw new BeanDefinitionStoreException(
        "Cannot access factory method [" + factoryMethod + "]; is it public?");
}
catch (InvocationTargetException ex) {
    throw new BeanDefinitionStoreException(
        "Factory method [" + factoryMethod + "] threw exception", ex.getTargetException());
}
}

/**
 * Return the factory method currently being invoked or {@code null} if none.
 * Allows factory method implementations to determine whether the current
 * caller is the container itself as opposed to user code.
 */
public static Method getCurrentlyInvokedFactoryMethod() {
    return currentlyInvokedFactoryMethod.get();
}
}

```

```

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 */

```

```
package org.springframework.beans.factory.support;
```

```
import java.security.AccessControlContext;
import java.security.AccessController;
```

```

/**
 * Simple {@link SecurityContextProvider} implementation.
 *
 * @author Costin Leau
 * @since 3.0
 */
public class SimpleSecurityContextProvider implements SecurityContextProvider {

```

```
    private final AccessControlContext acc;
```

```

/**
 * Construct a new SimpleSecurityContextProvider instance.
 * <p>The security context will be retrieved on each call from the current
 * thread.
 */

```

```

public SimpleSecurityContextProvider() {
    this(null);
}

```

```

/**
 * Construct a new SimpleSecurityContextProvider instance.
 * <p>If the given control context is null, the security context will be
 * retrieved on each call from the current thread.
 * @param acc access control context (can be null)
 * @see AccessController#getContext()
 */

```

```
public SimpleSecurityContextProvider(AccessControlContext acc) {
    this.acc = acc;
}
```

```
public AccessControlContext getAccessControlContext() {
    return (this.acc != null ? acc : AccessController.getContext());
}
```

```
}
```

```
/*
```

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```

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*
```

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```

```
*/
```

```
package org.springframework.beans.factory.xml;
```

```
import org.w3c.dom.Attr;
```

```
import org.w3c.dom.Element;
```

```
import org.w3c.dom.NamedNodeMap;
```

```
import org.springframework.beans.factory.support.BeanDefinitionBuilder;
```

```
import org.springframework.core.Conventions;
```

```
import org.springframework.util.Assert;
```

```
import org.springframework.util.StringUtils;
```

```
/**
```

```
* Convenient base class for when there exists a one-to-one mapping
```

```
* between attribute names on the element that is to be parsed and
```

```
* the property names on the {@link Class} being configured.
```

```
*
```

```
* <p>Extend this parser class when you want to create a single
```

```
* bean definition from a relatively simple custom XML element. The
```

```
* resulting BeanDefinition will be automatically
```

```
* registered with the relevant
```

```
* {@link org.springframework.beans.factory.support.BeanDefinitionRegistry}.
```

```
*
```



\* <p>An example will hopefully make the use of this particular parser  
\* class immediately clear. Consider the following class definition:

```
*  
* <pre class="code">public class SimpleCache implements Cache {  
*  
*     public void setName(String name) {...}  
*     public void setTimeout(int timeout) {...}  
*     public void setEvictionPolicy(EvictionPolicy policy) {...}  
*  
*     // remaining class definition elided for clarity...  
* }</pre>
```

\* <p>Then let us assume the following XML tag has been defined to  
\* permit the easy configuration of instances of the above class;

```
* <pre class="code">&lt; caching:cache name="..." timeout="..." eviction-policy="..." /&gt;</pre>  
*
```

\* <p>All that is required of the Java developer tasked with writing  
\* the parser to parse the above XML tag into an actual  
\* <code>SimpleCache</code> bean definition is the following:

```
* <pre class="code">public class SimpleCacheBeanDefinitionParser extends AbstractSimpleBeanDefinitionParser {  
*  
*     protected Class getBeanClass(Element element) {  
*         return SimpleCache.class;  
*     }  
* }</pre>
```

\* <p>Please note that the <code>AbstractSimpleBeanDefinitionParser</code>  
\* is limited to populating the created bean definition with property values.  
\* if you want to parse constructor arguments and nested elements from the  
\* supplied XML element, then you will have to implement the  
\* { @link #postProcess(org.springframework.beans.factory.support.BeanDefinitionBuilder, org.w3c.dom.Element) }  
\* method and do such parsing yourself, or (more likely) subclass the  
\* { @link AbstractSingleBeanDefinitionParser } or { @link AbstractBeanDefinitionParser }  
\* classes directly.

\* <p>The process of actually registering the  
\* <code>SimpleCacheBeanDefinitionParser</code> with the Spring XML parsing  
\* infrastructure is described in the Spring Framework reference documentation  
\* (in one of the appendices).

\* <p>For an example of this parser in action (so to speak), do look at  
\* the source code for the  
\* { @link org.springframework.beans.factory.xml.UtilNamespaceHandler.PropertiesBeanDefinitionParser };  
\* the observant (and even not so observant) reader will immediately notice that  
\* there is next to no code in the implementation. The  
\* <code>PropertiesBeanDefinitionParser</code> populates a

```

* { @link org.springframework.beans.factory.config.PropertiesFactoryBean }
* from an XML element that looks like this:
*
* <pre class="code">&lt;util:properties location="jdbc.properties"/&gt;</pre>
*
* <p>The observant reader will notice that the sole attribute on the
* <code>&lt;util:properties/&gt;</code> element matches the
* { @link
org.springframework.beans.factory.config.PropertiesFactoryBean#setLocation(org.springframework.core.io.Resource
e)}
* method name on the <code>PropertiesFactoryBean</code> (the general
* usage thus illustrated holds true for any number of attributes).
* All that the <code>PropertiesBeanDefinitionParser</code> needs
* actually do is supply an implementation of the
* { @link #getBeanClass(org.w3c.dom.Element) } method to return the
* <code>PropertiesFactoryBean</code> type.
*
* @author Rob Harrop
* @author Rick Evans
* @author Juergen Hoeller
* @since 2.0
* @see Conventions#attributeNameToPropertyName(String)
*/
public abstract class AbstractSimpleBeanDefinitionParser extends AbstractSingleBeanDefinitionParser {

/**
* Parse the supplied { @link Element } and populate the supplied
* { @link BeanDefinitionBuilder } as required.
* <p>This implementation maps any attributes present on the
* supplied element to { @link org.springframework.beans.PropertyValue }
* instances, and
* { @link BeanDefinitionBuilder#addPropertyValue(String, Object) } adds them }
* to the
* { @link org.springframework.beans.factory.config.BeanDefinition builder }.
* <p>The { @link #extractPropertyName(String) } method is used to
* reconcile the name of an attribute with the name of a JavaBean
* property.
* @param element the XML element being parsed
* @param builder used to define the <code>BeanDefinition</code>
* @see #extractPropertyName(String)
*/
@Override
protected void doParse(Element element, ParserContext parserContext, BeanDefinitionBuilder builder) {
NamedNodeMap attributes = element.getAttributes();
for (int x = 0; x < attributes.getLength(); x++) {
Attr attribute = (Attr) attributes.item(x);
if (isEligibleAttribute(attribute, parserContext)) {
String propertyName = extractPropertyName(attribute.getLocalName());

```

```

    Assert.state(StringUtils.hasText(propertyName),
        "Illegal property name returned from 'extractPropertyName(String)': cannot be null or empty.");
    builder.addValue(propertyName, attribute.getValue());
}
}
postProcess(builder, element);
}

/**
 * Determine whether the given attribute is eligible for being
 * turned into a corresponding bean property value.
 * <p>The default implementation considers any attribute as eligible,
 * except for the "id" attribute and namespace declaration attributes.
 * @param attribute the XML attribute to check
 * @param parserContext the <code>ParserContext</code>
 * @see #isEligibleAttribute(String)
 */
protected boolean isEligibleAttribute(Attr attribute, ParserContext parserContext) {
    boolean eligible = isEligibleAttribute(attribute);
    if(!eligible) {
        String fullName = attribute.getName();
        eligible = (!fullName.equals("xmlns") && !fullName.startsWith("xmlns:")) &&
            isEligibleAttribute(parserContext.getDelegate().getLocalName(attribute));
    }
    return eligible;
}

/**
 * Determine whether the given attribute is eligible for being
 * turned into a corresponding bean property value.
 * <p>The default implementation considers any attribute as eligible,
 * except for the "id" attribute and namespace declaration attributes.
 * @param attribute the XML attribute to check
 * @see #isEligibleAttribute(String)
 * @deprecated in favour of { @link #isEligibleAttribute(org.w3c.dom.Attr, ParserContext) }
 */
@Deprecated
protected boolean isEligibleAttribute(Attr attribute) {
    return false;
}

/**
 * Determine whether the given attribute is eligible for being
 * turned into a corresponding bean property value.
 * <p>The default implementation considers any attribute as eligible,
 * except for the "id" attribute.
 * @param attributeName the attribute name taken straight from the
 * XML element being parsed (never <code>>null</code>)

```

```

*/
protected boolean isEligibleAttribute(String attributeName) {
    return !ID_ATTRIBUTE.equals(attributeName);
}

/**
 * Extract a JavaBean property name from the supplied attribute name.
 * <p>The default implementation uses the
 * { @link Conventions#attributeNameToPropertyName(String)}
 * method to perform the extraction.
 * <p>The name returned must obey the standard JavaBean property name
 * conventions. For example for a class with a setter method
 * '<code>setBingoHallFavourite(String)</code>', the name returned had
 * better be '<code>bingoHallFavourite</code>' (with that exact casing).
 * @param attributeName the attribute name taken straight from the
 * XML element being parsed (never <code>>null</code>)
 * @return the extracted JavaBean property name (must never be <code>>null</code>)
 */
protected String extractPropertyName(String attributeName) {
    return Conventions.attributeNameToPropertyName(attributeName);
}

/**
 * Hook method that derived classes can implement to inspect/change a
 * bean definition after parsing is complete.
 * <p>The default implementation does nothing.
 * @param beanDefinition the parsed (and probably totally defined) bean definition being built
 * @param element the XML element that was the source of the bean definition's metadata
 */
protected void postProcess(BeanDefinitionBuilder beanDefinition, Element element) {
}

}

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 */

```

```

package org.springframework.beans.factory.xml;

import java.util.Collection;

import org.springframework.beans.factory.config.BeanDefinition;
import org.springframework.beans.factory.config.BeanDefinitionHolder;
import org.springframework.beans.factory.config.ConstructorArgumentValues;
import org.springframework.beans.factory.config.RuntimeBeanReference;
import org.springframework.beans.factory.config.ConstructorArgumentValues.ValueHolder;
import org.springframework.core.Conventions;
import org.springframework.util.StringUtils;
import org.w3c.dom.Attr;
import org.w3c.dom.Element;
import org.w3c.dom.Node;

/**
 * Simple NamespaceHandler implementation that maps custom
 * attributes directly through to bean properties. An important point to note is
 * that this NamespaceHandler does not have a corresponding schema
 * since there is no way to know in advance all possible attribute names.
 *
 * <p>
 * An example of the usage of this NamespaceHandler is shown below:
 *
 * <pre class="code">
 * &lt;bean id="author" class="..TestBean" c:name="Enescu" c:work-
 * ref="compositions"/&gt;
 * </pre>
 *
 * Here the 'c:name' corresponds directly to the 'name'
 * argument declared on the constructor of class 'TestBean'. The
 * 'c:work-ref' attributes corresponds to the 'work'
 * argument and, rather than being the concrete value, it contains the name of
 * the bean that will be considered as a parameter.
 *
 * <b>Note</b>: This implementation supports only named parameters - there is no
 * support for indexes or types. Further more, the names are used as hints by
 * the container which, by default, does type introspection.
 *
 * @see SimplePropertyNamespaceHandler
 * @author Costin Leau
 */
public class SimpleConstructorNamespaceHandler implements NamespaceHandler {

    private static final String REF_SUFFIX = "-ref";
    private static final String DELIMITER_PREFIX = "_";

    public void init() {

```

```

}

public BeanDefinition parse(Element element, ParserContext parserContext) {
    parserContext.getReaderContext().error(
        "Class [" + getClass().getName() + "] does not support custom elements.", element);
    return null;
}

public BeanDefinitionHolder decorate(Node node, BeanDefinitionHolder definition, ParserContext parserContext) {
    if (node instanceof Attr) {
        Attr attr = (Attr) node;
        String argName = StringUtils.trimWhitespace(parserContext.getDelegate().getLocalName(attr));
        String argValue = StringUtils.trimWhitespace(attr.getValue());

        ConstructorArgumentValues cvs = definition.getBeanDefinition().getConstructorArgumentValues();
        boolean ref = false;

        // handle -ref arguments
        if (argName.endsWith(REF_SUFFIX)) {
            ref = true;
            argName = argName.substring(0, argName.length() - REF_SUFFIX.length());
        }

        ValueHolder valueHolder = new ValueHolder(ref ? new RuntimeBeanReference(argValue) : argValue);
        valueHolder.setSource(parserContext.getReaderContext().extractSource(attr));

        // handle "escaped"/"_" arguments
        if (argName.startsWith(DELIMITER_PREFIX)) {
            String arg = argName.substring(1).trim();

            // fast default check
            if (!StringUtils.hasText(arg)) {
                cvs.addGenericArgumentValue(valueHolder);
            }
            // assume an index otherwise
            else {
                int index = -1;
                try {
                    index = Integer.parseInt(arg);
                } catch (NumberFormatException ex) {
                    parserContext.getReaderContext().error(
                        "Constructor argument " + argName + " specifies an invalid integer", attr);
                }
                if (index < 0) {
                    parserContext.getReaderContext().error(
                        "Constructor argument " + argName + " specifies a negative index", attr);
                }
            }
        }
    }
}

```

```

    if (cvs.hasIndexedArgumentValue(index)){
        parserContext.getReaderContext().error(
            "Constructor argument '" + argName + "' with index "+ index+" already defined using <constructor-arg>." +
            " Only one approach may be used per argument.", attr);
    }

    cvs.addIndexedArgumentValue(index, valueHolder);
}
}
// no escaping -> ctr name
else {
    String name = Conventions.attributeNameToPropertyName(argName);
    if (containsArgWithName(name, cvs)){
        parserContext.getReaderContext().error(
            "Constructor argument '" + argName + "' already defined using <constructor-arg>." +
            " Only one approach may be used per argument.", attr);
    }
    valueHolder.setName(Conventions.attributeNameToPropertyName(argName));
    cvs.addGenericArgumentValue(valueHolder);
}
}
return definition;
}

private boolean containsArgWithName(String name, ConstructorArgumentValues cvs) {
    if (!checkName(name, cvs.getGenericArgumentValues())) {
        return checkName(name, cvs.getIndexedArgumentValues().values());
    }
}

return true;
}

private boolean checkName(String name, Collection<ValueHolder> values) {
    for (ValueHolder holder : values) {
        if (name.equals(holder.getName())) {
            return true;
        }
    }
    return false;
}
}
}
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- \*/

```
package org.springframework.beans.factory.xml;
```

```
import org.w3c.dom.Attr;
import org.w3c.dom.Element;
import org.w3c.dom.Node;
```

```
import org.springframework.beans.MutablePropertyValues;
import org.springframework.beans.factory.config.BeanDefinition;
import org.springframework.beans.factory.config.BeanDefinitionHolder;
import org.springframework.beans.factory.config.RuntimeBeanReference;
import org.springframework.core.Conventions;
```

```
/**
```

- \* Simple `NamespaceHandler` implementation that maps custom attributes
- \* directly through to bean properties. An important point to note is that this
- \* `NamespaceHandler` does not have a corresponding schema since there
- \* is no way to know in advance all possible attribute names.

```
*
```

- \* 

An example of the usage of this `NamespaceHandler` is shown below:

```
*
```

```
* <pre class="code">
```

```
* <code><bean id="rob" class="..TestBean" p:name="Rob Harrop" p:spouse-
ref="sally"/></code></pre>
```

```
*
```

- \* Here the '`p:name`' corresponds directly to the '`name`'
- \* property on class '`TestBean`'. The '`p:spouse-ref`'
- \* attributes corresponds to the '`spouse`' property and, rather
- \* than being the concrete value, it contains the name of the bean that will
- \* be injected into that property.

```
*
```

- \* @author Rob Harrop
- \* @author Juergen Hoeller
- \* @since 2.0

```
*/
```

```
public class SimplePropertyNamespaceHandler implements NamespaceHandler {
```

```
    private static final String REF_SUFFIX = "-ref";
```



```

public void init() {
}

public BeanDefinition parse(Element element, ParserContext parserContext) {
    parserContext.getReaderContext().error(
        "Class [" + getClass().getName() + "] does not support custom elements.", element);
    return null;
}

public BeanDefinitionHolder decorate(Node node, BeanDefinitionHolder definition, ParserContext parserContext) {
    if (node instanceof Attr) {
        Attr attr = (Attr) node;
        String propertyName = parserContext.getDelegate().getLocalName(attr);
        String propertyValue = attr.getValue();
        MutablePropertyValues pvs = definition.getBeanDefinition().getPropertyValues();
        if (pvs.contains(propertyName)) {
            parserContext.getReaderContext().error("Property '" + propertyName + "' is already defined using " +
                "both <property> and inline syntax. Only one approach may be used per property.", attr);
        }
        if (propertyName.endsWith(REF_SUFFIX)) {
            propertyName = propertyName.substring(0, propertyName.length() - REF_SUFFIX.length());
            pvs.add(Conventions.attributeNameToPropertyName(propertyName), new
                RuntimeBeanReference(propertyValue));
        }
        else {
            pvs.add(Conventions.attributeNameToPropertyName(propertyName), propertyValue);
        }
    }
    return definition;
}
}

```

## 1.201 org.springframework.context

### 3.0.5.RELEASE

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## 1.202 org.springframework.context 3.1.0

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 */
```

```
package org.springframework.cache.support;
```

```
import java.util.Collection;
```

```
import org.springframework.cache.Cache;
```

```

/**
 * Simple cache manager working against a given collection of caches.
 * Useful for testing or simple caching declarations.
 *
 * @author Costin Leau
 * @since 3.1
 */
public class SimpleCacheManager extends AbstractCacheManager {

    private Collection<? extends Cache> caches;

    /**
     * Specify the collection of Cache instances to use for this CacheManager.
     */
    public void setCaches(Collection<? extends Cache> caches) {
        this.caches = caches;
    }

    @Override
    protected Collection<? extends Cache> loadCaches() {
        return this.caches;
    }
}

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 */

package org.springframework.cache.support;

import org.springframework.cache.Cache.ValueWrapper;

/**
 * Straightforward implementation of {@link org.springframework.cache.Cache.ValueWrapper},
 * simply holding the value as given at construction and returning it from {@link #get()}.

```

```

*
* @author Costin Leau
* @since 3.1
*/
public class SimpleValueWrapper implements ValueWrapper {

    private final Object value;

    /**
     * Create a new SimpleValueWrapper instance for exposing the given value.
     * @param value the value to expose (may be <code>null</code>)
     */
    public SimpleValueWrapper(Object value) {
        this.value = value;
    }

    /**
     * Simply returns the value as given at construction time.
     */
    public Object get() {
        return this.value;
    }
}

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 */

package org.springframework.context.event;

import java.util.concurrent.Executor;

import org.springframework.beans.factory.BeanFactory;
import org.springframework.context.ApplicationEvent;

```



```

import org.springframework.context.ApplicationListener;

/**
 * Simple implementation of the { @link ApplicationEventMulticaster } interface.
 *
 * <p>Multicasts all events to all registered listeners, leaving it up to
 * the listeners to ignore events that they are not interested in.
 * Listeners will usually perform corresponding <code>instanceof</code>
 * checks on the passed-in event object.
 *
 * <p>By default, all listeners are invoked in the calling thread.
 * This allows the danger of a rogue listener blocking the entire application,
 * but adds minimal overhead. Specify an alternative TaskExecutor to have
 * listeners executed in different threads, for example from a thread pool.
 *
 * @author Rod Johnson
 * @author Juergen Hoeller
 * @see #setTaskExecutor
 */
public class SimpleApplicationEventMulticaster extends AbstractApplicationEventMulticaster {

    private Executor taskExecutor;

    /**
     * Create a new SimpleApplicationEventMulticaster.
     */
    public SimpleApplicationEventMulticaster() {
    }

    /**
     * Create a new SimpleApplicationEventMulticaster for the given BeanFactory.
     */
    public SimpleApplicationEventMulticaster(BeanFactory beanFactory) {
        setBeanFactory(beanFactory);
    }

    /**
     * Set the TaskExecutor to execute application listeners with.
     * <p>Default is a SyncTaskExecutor, executing the listeners synchronously
     * in the calling thread.
     * <p>Consider specifying an asynchronous TaskExecutor here to not block the
     * caller until all listeners have been executed. However, note that asynchronous
     * execution will not participate in the caller's thread context (class loader,
     * transaction association) unless the TaskExecutor explicitly supports this.
     * @see org.springframework.core.task.SyncTaskExecutor
     * @see org.springframework.core.task.SimpleAsyncTaskExecutor

```

```

*/
public void setTaskExecutor(Executor taskExecutor) {
    this.taskExecutor = taskExecutor;
}

/**
 * Return the current TaskExecutor for this multicaster.
 */
protected Executor getTaskExecutor() {
    return this.taskExecutor;
}

@SuppressWarnings("unchecked")
public void multicastEvent(final ApplicationEvent event) {
    for (final ApplicationListener listener : getApplicationListeners(event)) {
        Executor executor = getTaskExecutor();
        if (executor != null) {
            executor.execute(new Runnable() {
                @SuppressWarnings("unchecked")
                public void run() {
                    listener.onApplicationEvent(event);
                }
            });
        }
        else {
            listener.onApplicationEvent(event);
        }
    }
}

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 */

```

```

package org.springframework.context.i18n;

import java.util.Locale;

import org.springframework.util.Assert;

/**
 * Simple implementation of the {@link LocaleContext} interface,
 * always returning a specified <code>Locale</code>.
 *
 * @author Juergen Hoeller
 * @since 1.2
 */
public class SimpleLocaleContext implements LocaleContext {

    private final Locale locale;

    /**
     * Create a new SimpleLocaleContext that exposes the specified Locale.
     * Every <code>getLocale()</code> will return this Locale.
     * @param locale the Locale to expose
     */
    public SimpleLocaleContext(Locale locale) {
        Assert.notNull(locale, "Locale must not be null");
        this.locale = locale;
    }

    public Locale getLocale() {
        return this.locale;
    }

    @Override
    public String toString() {
        return this.locale.toString();
    }

}

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*/
```

```
package org.springframework.context.support;
```

```
import java.util.HashMap;  
import java.util.Map;
```

```
import org.apache.commons.logging.Log;  
import org.apache.commons.logging.LogFactory;
```

```
import org.springframework.beans.factory.ObjectFactory;  
import org.springframework.beans.factory.config.Scope;  
import org.springframework.core.NamedThreadLocal;
```

```
/**
```

```
 * Thread-backed { @link Scope } implementation.
```

```
 *
```

```
 * <p><strong>Note</strong> that the <code>SimpleThreadScope</code> <em>does not clean up any objects</em>  
associated
```

```
 * with it. As such, it's typically preferable to use the { @link
```

```
 org.springframework.web.context.request.RequestScope }
```

```
 * in Web environments.
```

```
 *
```

```
 * <p>For a implementation of a thread-based <code>Scope</code> with support for destruction callbacks, refer to  
<a
```

```
 * href="http://www.springbyexample.org/twiki/bin/view/Example/CustomThreadScopeModule">this module</a>.
```

```
 *
```

```
 * <p>Thanks to Eugene Kuleshov for submitting the original prototype for a thread scope!
```

```
 *
```

```
 * @author Arjen Poutsma
```

```
 * @author Juergen Hoeller
```

```
 * @since 3.0
```

```
 * @see org.springframework.web.context.request.RequestScope
```

```
 */
```

```
public class SimpleThreadScope implements Scope {
```

```
    private static final Log logger = LogFactory.getLog(SimpleThreadScope.class);
```

```
    private final ThreadLocal<Map<String, Object>> threadScope =  
        new NamedThreadLocal<Map<String, Object>>("SimpleThreadScope") {  
        @Override  
        protected Map<String, Object> initialValue() {  
            return new HashMap<String, Object>();  
        }  
    }
```

```

};

public Object get(String name, ObjectFactory objectFactory) {
    Map<String, Object> scope = threadScope.get();
    Object object = scope.get(name);
    if (object == null) {
        object = objectFactory.getObject();
        scope.put(name, object);
    }
    return object;
}

public Object remove(String name) {
    Map<String, Object> scope = threadScope.get();
    return scope.remove(name);
}

public void registerDestructionCallback(String name, Runnable callback) {
    logger.warn("SimpleThreadScope does not support destruction callbacks. " +
        "Consider using a RequestScope in a Web environment.");
}

public Object resolveContextualObject(String key) {
    return null;
}

public String getConversationId() {
    return Thread.currentThread().getName();
}

}
/*
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 */

package org.springframework.ejb.access;

```

```

import java.lang.reflect.InvocationTargetException;
import java.rmi.RemoteException;

import javax.ejb.CreateException;
import javax.ejb.EJBObject;
import javax.naming.NamingException;

import org.aopalliance.intercept.MethodInvocation;

import org.springframework.beans.factory.DisposableBean;
import org.springframework.remoting.RemoteLookupFailureException;
import org.springframework.remoting.rmi.RmiClientInterceptorUtils;

/**
 * Basic invoker for a remote Stateless Session Bean.
 * Designed for EJB 2.x, but works for EJB 3 Session Beans as well.
 *
 * <p>"Creates" a new EJB instance for each invocation, or caches the session
 * bean instance for all invocations (see { @link #setCacheSessionBean}).
 * See { @link org.springframework.jndi.JndiObjectLocator} for info on
 * how to specify the JNDI location of the target EJB.
 *
 * <p>In a bean container, this class is normally best used as a singleton. However,
 * if that bean container pre-instantiates singletons (as do the XML ApplicationContext
 * variants) you may have a problem if the bean container is loaded before the EJB
 * container loads the target EJB. That is because by default the JNDI lookup will be
 * performed in the init method of this class and cached, but the EJB will not have been
 * bound at the target location yet. The best solution is to set the "lookupHomeOnStartup"
 * property to "false", in which case the home will be fetched on first access to the EJB.
 * (This flag is only true by default for backwards compatibility reasons).
 *
 * <p>This invoker is typically used with an RMI business interface, which serves
 * as super-interface of the EJB component interface. Alternatively, this invoker
 * can also proxy a remote SLSB with a matching non-RMI business interface, i.e. an
 * interface that mirrors the EJB business methods but does not declare RemoteExceptions.
 * In the latter case, RemoteExceptions thrown by the EJB stub will automatically get
 * converted to Spring's unchecked RemoteAccessException.
 *
 * @author Rod Johnson
 * @author Juergen Hoeller
 * @since 09.05.2003
 * @see org.springframework.remoting.RemoteAccessException
 * @see AbstractSlsbInvokerInterceptor#setLookupHomeOnStartup
 * @see AbstractSlsbInvokerInterceptor#setCacheHome
 * @see AbstractRemoteSlsbInvokerInterceptor#setRefreshHomeOnConnectFailure
 */
public class SimpleRemoteSlsbInvokerInterceptor extends AbstractRemoteSlsbInvokerInterceptor

```

```

implements DisposableBean {

private boolean cacheSessionBean = false;

private Object beanInstance;

private final Object beanInstanceMonitor = new Object();

/**
 * Set whether to cache the actual session bean object.
 * <p>Off by default for standard EJB compliance. Turn this flag
 * on to optimize session bean access for servers that are
 * known to allow for caching the actual session bean object.
 * @see #setCacheHome
 */
public void setCacheSessionBean(boolean cacheSessionBean) {
    this.cacheSessionBean = cacheSessionBean;
}

/**
 * This implementation "creates" a new EJB instance for each invocation.
 * Can be overridden for custom invocation strategies.
 * <p>Alternatively, override { @link #getSessionBeanInstance } and
 * { @link #releaseSessionBeanInstance } to change EJB instance creation,
 * for example to hold a single shared EJB component instance.
 */
@Override
protected Object doInvoke(MethodInvocation invocation) throws Throwable {
    Object ejb = null;
    try {
        ejb = getSessionBeanInstance();
        return RmiClientInterceptorUtils.invokeRemoteMethod(invocation, ejb);
    }
    catch (NamingException ex) {
        throw new RemoteLookupFailureException("Failed to locate remote EJB [" + getJndiName() + "]", ex);
    }
    catch (InvocationTargetException ex) {
        Throwable targetEx = ex.getTargetException();
        if (targetEx instanceof RemoteException) {
            RemoteException rex = (RemoteException) targetEx;
            throw RmiClientInterceptorUtils.convertRmiAccessException(
                invocation.getMethod(), rex, isConnectFailure(rex), getJndiName());
        }
        else if (targetEx instanceof CreateException) {
            throw RmiClientInterceptorUtils.convertRmiAccessException(
                invocation.getMethod(), targetEx, "Could not create remote EJB [" + getJndiName() + "]);
        }
    }
}

```

```

    }
    throw targetEx;
}
finally {
    if (ejb instanceof EJBObject) {
        releaseSessionBeanInstance((EJBObject) ejb);
    }
}
}

/**
 * Return an EJB component instance to delegate the call to.
 * <p>The default implementation delegates to { @link #newSessionBeanInstance}.
 * @return the EJB component instance
 * @throws NamingException if thrown by JNDI
 * @throws InvocationTargetException if thrown by the create method
 * @see #newSessionBeanInstance
 */
protected Object getSessionBeanInstance() throws NamingException, InvocationTargetException {
    if (this.cacheSessionBean) {
        synchronized (this.beanInstanceMonitor) {
            if (this.beanInstance == null) {
                this.beanInstance = newSessionBeanInstance();
            }
            return this.beanInstance;
        }
    }
    else {
        return newSessionBeanInstance();
    }
}

/**
 * Release the given EJB instance.
 * <p>The default implementation delegates to { @link #removeSessionBeanInstance}.
 * @param ejb the EJB component instance to release
 * @see #removeSessionBeanInstance
 */
protected void releaseSessionBeanInstance(EJBObject ejb) {
    if (!this.cacheSessionBean) {
        removeSessionBeanInstance(ejb);
    }
}

/**
 * Reset the cached session bean instance, if necessary.
 */
@Override

```



```

protected void refreshHome() throws NamingException {
    super.refreshHome();
    if (this.cacheSessionBean) {
        synchronized (this.beanInstanceMonitor) {
            this.beanInstance = null;
        }
    }
}

/**
 * Remove the cached session bean instance, if necessary.
 */
public void destroy() {
    if (this.cacheSessionBean) {
        synchronized (this.beanInstanceMonitor) {
            if (this.beanInstance instanceof EJBObject) {
                removeSessionBeanInstance((EJBObject) this.beanInstance);
            }
        }
    }
}

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 */

package org.springframework.ejb.access;

import javax.naming.NamingException;

import org.springframework.aop.framework.ProxyFactory;
import org.springframework.beans.factory.BeanClassLoaderAware;
import org.springframework.beans.factory.FactoryBean;
import org.springframework.util.ClassUtils;

```

```

/**
 * Convenient {@link FactoryBean} for remote SLSB proxies.
 * Designed for EJB 2.x, but works for EJB 3 Session Beans as well.
 *
 * <p>See {@link org.springframework.jndi.JndiObjectLocator} for info on
 * how to specify the JNDI location of the target EJB.
 *
 * <p>If you want control over interceptor chaining, use an AOP ProxyFactoryBean
 * with SimpleRemoteSlsbInvokerInterceptor rather than rely on this class.
 *
 * <p>In a bean container, this class is normally best used as a singleton. However,
 * if that bean container pre-instantiates singletons (as do the XML ApplicationContext
 * variants) you may have a problem if the bean container is loaded before the EJB
 * container loads the target EJB. That is because by default the JNDI lookup will be
 * performed in the init method of this class and cached, but the EJB will not have been
 * bound at the target location yet. The best solution is to set the lookupHomeOnStartup
 * property to false, in which case the home will be fetched on first access to the EJB.
 * (This flag is only true by default for backwards compatibility reasons).
 *
 * <p>This proxy factory is typically used with an RMI business interface, which serves
 * as super-interface of the EJB component interface. Alternatively, this factory
 * can also proxy a remote SLSB with a matching non-RMI business interface, i.e. an
 * interface that mirrors the EJB business methods but does not declare RemoteExceptions.
 * In the latter case, RemoteExceptions thrown by the EJB stub will automatically get
 * converted to Spring's unchecked RemoteAccessException.
 *
 * @author Rod Johnson
 * @author Colin Sampaleanu
 * @author Juergen Hoeller
 * @since 09.05.2003
 * @see org.springframework.remoting.RemoteAccessException
 * @see AbstractSlsbInvokerInterceptor#setLookupHomeOnStartup
 * @see AbstractSlsbInvokerInterceptor#setCacheHome
 * @see AbstractRemoteSlsbInvokerInterceptor#setRefreshHomeOnConnectFailure
 */
public class SimpleRemoteStatelessSessionProxyFactoryBean extends SimpleRemoteSlsbInvokerInterceptor
implements FactoryBean<Object>, BeanClassLoaderAware {

    /** The business interface of the EJB we're proxying */
    private Class businessInterface;

    private ClassLoader beanClassLoader = ClassUtils.getDefaultClassLoader();

    /** EJBOject */
    private Object proxy;

    /**

```

```

* Set the business interface of the EJB we're proxying.
* This will normally be a super-interface of the EJB remote component interface.
* Using a business methods interface is a best practice when implementing EJBs.
* <p>You can also specify a matching non-RMI business interface, i.e. an interface
* that mirrors the EJB business methods but does not declare RemoteExceptions.
* In this case, RemoteExceptions thrown by the EJB stub will automatically get
* converted to Spring's generic RemoteAccessException.
* @param businessInterface the business interface of the EJB
*/
public void setBusinessInterface(Class businessInterface) {
    this.businessInterface = businessInterface;
}

/**
* Return the business interface of the EJB we're proxying.
*/
public Class getBusinessInterface() {
    return this.businessInterface;
}

public void setBeanClassLoader(ClassLoader classLoader) {
    this.beanClassLoader = classLoader;
}

@Override
public void afterPropertiesSet() throws NamingException {
    super.afterPropertiesSet();
    if (this.businessInterface == null) {
        throw new IllegalArgumentException("businessInterface is required");
    }
    this.proxy = new ProxyFactory(this.businessInterface, this).getProxy(this.beanClassLoader);
}

public Object getObject() {
    return this.proxy;
}

public Class<?> getObjectType() {
    return this.businessInterface;
}

public boolean isSingleton() {
    return true;
}

}

```

# 1.203 org.springframework.context.support

## 3.1.0

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```
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 */
```

```
package org.springframework.mail.javamail;
```

```
import java.io.IOException;
import java.io.InputStream;
import java.util.ArrayList;
import java.util.Date;
import java.util.LinkedHashMap;
import java.util.List;
import java.util.Map;
import java.util.Properties;
import javax.activation.FileTypeMap;
import javax.mail.AuthenticationFailedException;
import javax.mail.MessagingException;
import javax.mail.NoSuchProviderException;
import javax.mail.Session;
import javax.mail.Transport;
import javax.mail.internet.MimeMessage;

import org.springframework.mail.MailAuthenticationException;
import org.springframework.mail.MailException;
import org.springframework.mail.MailParseException;
import org.springframework.mail.MailPreparationException;
import org.springframework.mail.MailSendException;
import org.springframework.mail.SimpleMailMessage;
```

```

import org.springframework.util.Assert;

/**
 * Production implementation of the { @link JavaMailSender } interface,
 * supporting both JavaMail { @link MimeMessage MimeMessages } and Spring
 * { @link SimpleMailMessage SimpleMailMessages }. Can also be used as a
 * plain { @link org.springframework.mail.MailSender } implementation.
 *
 * <p>Allows for defining all settings locally as bean properties.
 * Alternatively, a pre-configured JavaMail { @link javax.mail.Session } can be
 * specified, possibly pulled from an application server's JNDI environment.
 *
 * <p>Non-default properties in this object will always override the settings
 * in the JavaMail <code>Session</code>. Note that if overriding all values locally,
 * there is no added value in setting a pre-configured <code>Session</code>.
 *
 * @author Dmitriy Kopylenko
 * @author Juergen Hoeller
 * @since 10.09.2003
 * @see javax.mail.internet.MimeMessage
 * @see javax.mail.Session
 * @see #setSession
 * @see #setJavaMailProperties
 * @see #setHost
 * @see #setPort
 * @see #setUsername
 * @see #setPassword
 */
public class JavaMailSenderImpl implements JavaMailSender {

    /** The default protocol: 'smtp' */
    public static final String DEFAULT_PROTOCOL = "smtp";

    /** The default port: -1 */
    public static final int DEFAULT_PORT = -1;

    private static final String HEADER_MESSAGE_ID = "Message-ID";

    private Properties javaMailProperties = new Properties();

    private Session session;

    private String protocol;

    private String host;

    private int port = DEFAULT_PORT;

```

```

private String username;

private String password;

private String defaultEncoding;

private FileTypeMap defaultFileTypeMap;

/**
 * Create a new instance of the JavaMailSenderImpl class.
 * 

Initializes the { @link #setDefaultFileTypeMap "defaultFileTypeMap" }
 * property with a default { @link ConfigurableMimeFileTypeMap }.
 */
public JavaMailSenderImpl() {
    ConfigurableMimeFileTypeMap fileTypeMap = new ConfigurableMimeFileTypeMap();
    fileTypeMap.afterPropertiesSet();
    this.defaultFileTypeMap = fileTypeMap;
}

/**
 * Set JavaMail properties for the Session.
 * 

A new Session will be created with those properties.
 * Use either this method or { @link #setSession }, but not both.
 * 

Non-default properties in this instance will override given
 * JavaMail properties.
 */
public void setJavaMailProperties(Properties javaMailProperties) {
    this.javaMailProperties = javaMailProperties;
    synchronized (this) {
        this.session = null;
    }
}

/**
 * Allow Map access to the JavaMail properties of this sender,
 * with the option to add or override specific entries.
 * 

Useful for specifying entries directly, for example via
 * "javaMailProperties[mail.smtp.auth]".
 */
public Properties getJavaMailProperties() {
    return this.javaMailProperties;
}

/**
 * Set the JavaMail Session, possibly pulled from JNDI.


```

```

* <p>Default is a new <code>Session</code> without defaults, that is
* completely configured via this instance's properties.
* <p>If using a pre-configured <code>Session</code>, non-default properties
* in this instance will override the settings in the <code>Session</code>.
* @see #setJavaMailProperties
*/
public synchronized void setSession(Session session) {
    Assert.notNull(session, "Session must not be null");
    this.session = session;
}

/**
* Return the JavaMail <code>Session</code>,
* lazily initializing it if hasn't been specified explicitly.
*/
public synchronized Session getSession() {
    if (this.session == null) {
        this.session = Session.getInstance(this.javaMailProperties);
    }
    return this.session;
}

/**
* Set the mail protocol. Default is "smtp".
*/
public void setProtocol(String protocol) {
    this.protocol = protocol;
}

/**
* Return the mail protocol.
*/
public String getProtocol() {
    return this.protocol;
}

/**
* Set the mail server host, typically an SMTP host.
* <p>Default is the default host of the underlying JavaMail Session.
*/
public void setHost(String host) {
    this.host = host;
}

/**
* Return the mail server host.
*/
public String getHost() {

```

```

return this.host;
}

/**
 * Set the mail server port.
 * <p>Default is { @link #DEFAULT_PORT}, letting JavaMail use the default
 * SMTP port (25).
 */
public void setPort(int port) {
    this.port = port;
}

/**
 * Return the mail server port.
 */
public int getPort() {
    return this.port;
}

/**
 * Set the username for the account at the mail host, if any.
 * <p>Note that the underlying JavaMail <code>Session</code> has to be
 * configured with the property <code>"mail.smtp.auth"</code> set to
 * <code>>true</code>, else the specified username will not be sent to the
 * mail server by the JavaMail runtime. If you are not explicitly passing
 * in a <code>Session</code> to use, simply specify this setting via
 * { @link #setJavaMailProperties}.
 * @see #setSession
 * @see #setPassword
 */
public void setUsername(String username) {
    this.username = username;
}

/**
 * Return the username for the account at the mail host.
 */
public String getUsername() {
    return this.username;
}

/**
 * Set the password for the account at the mail host, if any.
 * <p>Note that the underlying JavaMail <code>Session</code> has to be
 * configured with the property <code>"mail.smtp.auth"</code> set to
 * <code>>true</code>, else the specified password will not be sent to the
 * mail server by the JavaMail runtime. If you are not explicitly passing
 * in a <code>Session</code> to use, simply specify this setting via

```



```

* {@link #setJavaMailProperties}.
* @see #setSession
* @see #setUsername
*/
public void setPassword(String password) {
    this.password = password;
}

/**
 * Return the password for the account at the mail host.
 */
public String getPassword() {
    return this.password;
}

/**
 * Set the default encoding to use for {@link MimeMessage MimeMessages}
 * created by this instance.
 * <p>Such an encoding will be auto-detected by {@link MimeMessageHelper}.
 */
public void setDefaultEncoding(String defaultEncoding) {
    this.defaultEncoding = defaultEncoding;
}

/**
 * Return the default encoding for {@link MimeMessage MimeMessages},
 * or <code>null</code> if none.
 */
public String getDefaultEncoding() {
    return this.defaultEncoding;
}

/**
 * Set the default Java Activation {@link FileTypeMap} to use for
 * {@link MimeMessage MimeMessages} created by this instance.
 * <p>A <code>FileTypeMap</code> specified here will be autodetected by
 * {@link MimeMessageHelper}, avoiding the need to specify the
 * <code>FileTypeMap</code> for each <code>MimeMessageHelper</code> instance.
 * <p>For example, you can specify a custom instance of Spring's
 * {@link ConfigurableMimeFileTypeMap} here. If not explicitly specified,
 * a default <code>ConfigurableMimeFileTypeMap</code> will be used, containing
 * an extended set of MIME type mappings (as defined by the
 * <code>mime.types</code> file contained in the Spring jar).
 * @see MimeMessageHelper#setFileTypeMap
 */
public void setDefaultFileTypeMap(FileTypeMap defaultFileTypeMap) {
    this.defaultFileTypeMap = defaultFileTypeMap;
}

```

```

/**
 * Return the default Java Activation { @link FileTypeMap} for
 * { @link MimeMessage MimeMessages}, or <code>null</code> if none.
 */
public FileTypeMap getDefaultFileTypeMap() {
    return this.defaultFileTypeMap;
}

//-----
// Implementation of MailSender
//-----

public void send(SimpleMailMessage simpleMessage) throws MailException {
    send(new SimpleMailMessage[] { simpleMessage });
}

public void send(SimpleMailMessage[] simpleMessages) throws MailException {
    List<MimeMessage> mimeMessages = new ArrayList<MimeMessage>(simpleMessages.length);
    for (SimpleMailMessage simpleMessage : simpleMessages) {
        MimeMailMessage message = new MimeMailMessage(createMimeMessage());
        simpleMessage.copyTo(message);
        mimeMessages.add(message.getMimeMessage());
    }
    doSend(mimeMessages.toArray(new MimeMessage[mimeMessages.size()]), simpleMessages);
}

//-----
// Implementation of JavaMailSender
//-----

/**
 * This implementation creates a SmartMimeMessage, holding the specified
 * default encoding and default FileTypeMap. This special defaults-carrying
 * message will be autodetected by { @link MimeMessageHelper}, which will use
 * the carried encoding and FileTypeMap unless explicitly overridden.
 * @see #setDefaultEncoding
 * @see #setDefaultFileTypeMap
 */
public MimeMessage createMimeMessage() {
    return new SmartMimeMessage(getSession(), getDefaultEncoding(), getDefaultFileTypeMap());
}

public MimeMessage createMimeMessage(InputStream contentStream) throws MailException {
    try {
        return new MimeMessage(getSession(), contentStream);
    }
}

```

```

    }
    catch (MessagingException ex) {
        throw new MailParseException("Could not parse raw MIME content", ex);
    }
}

public void send(MimeMessage mimeMessage) throws MailException {
    send(new MimeMessage[] { mimeMessage });
}

public void send(MimeMessage[] mimeMessages) throws MailException {
    doSend(mimeMessages, null);
}

public void send(MimeMessagePreparator mimeMessagePreparator) throws MailException {
    send(new MimeMessagePreparator[] { mimeMessagePreparator });
}

public void send(MimeMessagePreparator[] mimeMessagePreparators) throws MailException {
    try {
        List<MimeMessage> mimeMessages = new ArrayList<MimeMessage>(mimeMessagePreparators.length);
        for (MimeMessagePreparator preparator : mimeMessagePreparators) {
            MimeMessage mimeMessage = createMimeMessage();
            preparator.prepare(mimeMessage);
            mimeMessages.add(mimeMessage);
        }
        send(mimeMessages.toArray(new MimeMessage[mimeMessages.size()]));
    }
    catch (MailException ex) {
        throw ex;
    }
    catch (MessagingException ex) {
        throw new MailParseException(ex);
    }
    catch (IOException ex) {
        throw new MailPreparationException(ex);
    }
    catch (Exception ex) {
        throw new MailPreparationException(ex);
    }
}

/**
 * Actually send the given array of MimeMessages via JavaMail.
 * @param mimeMessages MimeMessage objects to send
 * @param originalMessages corresponding original message objects
 * that the MimeMessages have been created from (with same array

```

```

* length and indices as the "mimeMessages" array), if any
* @throws org.springframework.mail.MailAuthenticationException
* in case of authentication failure
* @throws org.springframework.mail.MailSendException
* in case of failure when sending a message
*/
protected void doSend(MimeMessage[] mimeMessages, Object[] originalMessages) throws MailException {
    Map<Object, Exception> failedMessages = new LinkedHashMap<Object, Exception>();

    Transport transport;
    try {
        transport = getTransport(getSession());
        transport.connect(getHost(), getPort(), getUsername(), getPassword());
    }
    catch (AuthenticationFailedException ex) {
        throw new MailAuthenticationException(ex);
    }
    catch (MessagingException ex) {
        // Effectively, all messages failed...
        for (int i = 0; i < mimeMessages.length; i++) {
            Object original = (originalMessages != null ? originalMessages[i] : mimeMessages[i]);
            failedMessages.put(original, ex);
        }
        throw new MailSendException("Mail server connection failed", ex, failedMessages);
    }

    try {
        for (int i = 0; i < mimeMessages.length; i++) {
            MimeMessage mimeMessage = mimeMessages[i];
            try {
                if (mimeMessage.getSentDate() == null) {
                    mimeMessage.setSentDate(new Date());
                }
                String messageId = mimeMessage.getMessageID();
                mimeMessage.saveChanges();
                if (messageId != null) {
                    // Preserve explicitly specified message id...
                    mimeMessage.setHeader(HEADER_MESSAGE_ID, messageId);
                }
                transport.sendMessage(mimeMessage, mimeMessage.getAllRecipients());
            }
            catch (MessagingException ex) {
                Object original = (originalMessages != null ? originalMessages[i] : mimeMessage);
                failedMessages.put(original, ex);
            }
        }
    }
    finally {

```

```

try {
    transport.close();
}
catch (MessagingException ex) {
    if (!failedMessages.isEmpty()) {
        throw new MailSendException("Failed to close server connection after message failures", ex,
            failedMessages);
    }
    else {
        throw new MailSendException("Failed to close server connection after message sending", ex);
    }
}
}

if (!failedMessages.isEmpty()) {
    throw new MailSendException(failedMessages);
}
}

/**
 * Obtain a Transport object from the given JavaMail Session,
 * using the configured protocol.
 * <p>Can be overridden in subclasses, e.g. to return a mock Transport object.
 * @see javax.mail.Session#getTransport(String)
 * @see #getProtocol()
 */
protected Transport getTransport(Session session) throws NoSuchProviderException {
    String protocol = getProtocol();
    if (protocol == null) {
        protocol = session.getProperty("mail.transport.protocol");
        if (protocol == null) {
            protocol = DEFAULT_PROTOCOL;
        }
    }
    return session.getTransport(protocol);
}

}

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```

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\*/

```
package org.springframework.mail;
```

```
import java.io.Serializable;  
import java.util.Date;
```

```
import org.springframework.util.ObjectUtils;  
import org.springframework.util.StringUtils;  
import org.springframework.util.Assert;
```

```
/**
```

```
* Models a simple mail message, including data such as the from, to, cc, subject, and text fields.
```

```
*
```

```
* <p>Consider JavaMailSender and JavaMail MimeMessages for creating  
* more sophisticated messages, for example messages with attachments, special  
* character encodings, or personal names that accompany mail addresses.
```

```
*
```

```
* @author Dmitriy Kopylenko
```

```
* @author Juergen Hoeller
```

```
* @since 10.09.2003
```

```
* @see MailSender
```

```
* @see org.springframework.mail.javamail.JavaMailSender
```

```
* @see org.springframework.mail.javamail.MimeMessagePreparator
```

```
* @see org.springframework.mail.javamail.MimeMessageHelper
```

```
* @see org.springframework.mail.javamail.MimeMailMessage
```

```
*/
```

```
public class SimpleMailMessage implements MailMessage, Serializable {
```

```
    private String from;
```

```
    private String replyTo;
```

```
    private String[] to;
```

```
    private String[] cc;
```

```
    private String[] bcc;
```

```
    private Date sentDate;
```

```
    private String subject;
```

```
    private String text;
```

```

/**
 * Create a new <code>SimpleMailMessage</code>.
 */
public SimpleMailMessage() {
}

/**
 * Copy constructor for creating a new <code>SimpleMailMessage</code> from the state
 * of an existing <code>SimpleMailMessage</code> instance.
 * @throws IllegalArgumentException if the supplied message is <code>>null</code>
 */
public SimpleMailMessage(SimpleMailMessage original) {
    Assert.notNull(original, "The 'original' message argument cannot be null");
    this.from = original.getFrom();
    this.replyTo = original.getReplyTo();
    if (original.getTo() != null) {
        this.to = copy(original.getTo());
    }
    if (original.getCc() != null) {
        this.cc = copy(original.getCc());
    }
    if (original.getBcc() != null) {
        this.bcc = copy(original.getBcc());
    }
    this.sentDate = original.getSentDate();
    this.subject = original.getSubject();
    this.text = original.getText();
}

public void setFrom(String from) {
    this.from = from;
}

public String getFrom() {
    return this.from;
}

public void setReplyTo(String replyTo) {
    this.replyTo = replyTo;
}

public String getReplyTo() {
    return replyTo;
}

```

```
public void setTo(String to) {
    this.to = new String[] {to};
}

public void setTo(String[] to) {
    this.to = to;
}

public String[] getTo() {
    return this.to;
}

public void setCc(String cc) {
    this.cc = new String[] {cc};
}

public void setCc(String[] cc) {
    this.cc = cc;
}

public String[] getCc() {
    return cc;
}

public void setBcc(String bcc) {
    this.bcc = new String[] {bcc};
}

public void setBcc(String[] bcc) {
    this.bcc = bcc;
}

public String[] getBcc() {
    return bcc;
}

public void setSentDate(Date sentDate) {
    this.sentDate = sentDate;
}

public Date getSentDate() {
    return sentDate;
}

public void setSubject(String subject) {
    this.subject = subject;
}
```



```

public String getSubject() {
    return this.subject;
}

public void setText(String text) {
    this.text = text;
}

public String getText() {
    return this.text;
}

/**
 * Copy the contents of this message to the given target message.
 * @param target the <code>MailMessage</code> to copy to
 * @throws IllegalArgumentException if the supplied <code>target</code> is <code>null</code>
 */
public void copyTo(MailMessage target) {
    Assert.notNull(target, "The 'target' message argument cannot be null");
    if (getFrom() != null) {
        target.setFrom(getFrom());
    }
    if (getReplyTo() != null) {
        target.setReplyTo(getReplyTo());
    }
    if (getTo() != null) {
        target.setTo(getTo());
    }
    if (getCc() != null) {
        target.setCc(getCc());
    }
    if (getBcc() != null) {
        target.setBcc(getBcc());
    }
    if (getSentDate() != null) {
        target.setSentDate(getSentDate());
    }
    if (getSubject() != null) {
        target.setSubject(getSubject());
    }
    if (getText() != null) {
        target.setText(getText());
    }
}

@Override

```

```

public String toString() {
    StringBuilder sb = new StringBuilder("SimpleMailMessage: ");
    sb.append("from=").append(this.from).append("; ");
    sb.append("replyTo=").append(this.replyTo).append("; ");
    sb.append("to=").append(StringUtils.arrayToCommaDelimitedString(this.to)).append("; ");
    sb.append("cc=").append(StringUtils.arrayToCommaDelimitedString(this.cc)).append("; ");
    sb.append("bcc=").append(StringUtils.arrayToCommaDelimitedString(this.bcc)).append("; ");
    sb.append("sentDate=").append(this.sentDate).append("; ");
    sb.append("subject=").append(this.subject).append("; ");
    sb.append("text=").append(this.text);
    return sb.toString();
}

```

```

@Override
public boolean equals(Object other) {
    if (this == other) {
        return true;
    }
    if (!(other instanceof SimpleMailMessage)) {
        return false;
    }
    SimpleMailMessage otherMessage = (SimpleMailMessage) other;
    return (ObjectUtils.nullSafeEquals(this.from, otherMessage.from) &&
        ObjectUtils.nullSafeEquals(this.replyTo, otherMessage.replyTo) &&
        java.util.Arrays.equals(this.to, otherMessage.to) &&
        java.util.Arrays.equals(this.cc, otherMessage.cc) &&
        java.util.Arrays.equals(this.bcc, otherMessage.bcc) &&
        ObjectUtils.nullSafeEquals(this.sentDate, otherMessage.sentDate) &&
        ObjectUtils.nullSafeEquals(this.subject, otherMessage.subject) &&
        ObjectUtils.nullSafeEquals(this.text, otherMessage.text));
}

```

```

@Override
public int hashCode() {
    int hashCode = (this.from == null ? 0 : this.from.hashCode());
    hashCode = 29 * hashCode + (this.replyTo == null ? 0 : this.replyTo.hashCode());
    for (int i = 0; this.to != null && i < this.to.length; i++) {
        hashCode = 29 * hashCode + (this.to == null ? 0 : this.to[i].hashCode());
    }
    for (int i = 0; this.cc != null && i < this.cc.length; i++) {
        hashCode = 29 * hashCode + (this.cc == null ? 0 : this.cc[i].hashCode());
    }
    for (int i = 0; this.bcc != null && i < this.bcc.length; i++) {
        hashCode = 29 * hashCode + (this.bcc == null ? 0 : this.bcc[i].hashCode());
    }
    hashCode = 29 * hashCode + (this.sentDate == null ? 0 : this.sentDate.hashCode());
    hashCode = 29 * hashCode + (this.subject == null ? 0 : this.subject.hashCode());
    hashCode = 29 * hashCode + (this.text == null ? 0 : this.text.hashCode());
}

```

```

return hashCode;
}

private static String[] copy(String[] state) {
    String[] copy = new String[state.length];
    System.arraycopy(state, 0, copy, 0, state.length);
    return copy;
}

}
/*
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 * limitations under the License.
 */

package org.springframework.scheduling.quartz;

import java.util.concurrent.Callable;
import java.util.concurrent.Future;
import java.util.concurrent.FutureTask;

import org.quartz.SchedulerConfigException;
import org.quartz.simpl.SimpleThreadPool;

import org.springframework.beans.factory.DisposableBean;
import org.springframework.beans.factory.InitializingBean;
import org.springframework.scheduling.SchedulingException;
import org.springframework.scheduling.SchedulingTaskExecutor;
import org.springframework.util.Assert;

/**
 * Subclass of Quartz's SimpleThreadPool that implements Spring's
 * { @link org.springframework.core.task.TaskExecutor } interface
 * and listens to Spring lifecycle callbacks.
 *
 * <p>Can be shared between a Quartz Scheduler (specified as "taskExecutor")

```

```

* and other TaskExecutor users, or even used completely independent of
* a Quartz Scheduler (as plain TaskExecutor backend).
*
* @author Juergen Hoeller
* @since 2.0
* @see org.quartz.simpl.SimpleThreadPool
* @see org.springframework.core.task.TaskExecutor
* @see SchedulerFactoryBean#setTaskExecutor
*/
public class SimpleThreadPoolTaskExecutor extends SimpleThreadPool
    implements SchedulingTaskExecutor, InitializingBean, DisposableBean {

    private boolean waitForJobsToCompleteOnShutdown = false;

    /**
     * Set whether to wait for running jobs to complete on shutdown.
     * Default is "false".
     * @see org.quartz.simpl.SimpleThreadPool#shutdown(boolean)
     */
    public void setWaitForJobsToCompleteOnShutdown(boolean waitForJobsToCompleteOnShutdown) {
        this.waitForJobsToCompleteOnShutdown = waitForJobsToCompleteOnShutdown;
    }

    public void afterPropertiesSet() throws SchedulerConfigException {
        initialize();
    }

    public void execute(Runnable task) {
        Assert.notNull(task, "Runnable must not be null");
        if (!runInThread(task)) {
            throw new SchedulingException("Quartz SimpleThreadPool already shut down");
        }
    }

    public void execute(Runnable task, long startTimeout) {
        execute(task);
    }

    public Future<?> submit(Runnable task) {
        FutureTask<Object> future = new FutureTask<Object>(task, null);
        execute(future);
        return future;
    }

    public <T> Future<T> submit(Callable<T> task) {
        FutureTask<T> future = new FutureTask<T>(task);

```

```

execute(future);
return future;
}

/**
 * This task executor prefers short-lived work units.
 */
public boolean prefersShortLivedTasks() {
    return true;
}

public void destroy() {
    shutdown(this.waitForJobsToCompleteOnShutdown);
}

}

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 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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 * limitations under the License.
 */

package org.springframework.scheduling.quartz;

import java.text.ParseException;
import java.util.Date;
import java.util.Map;

import org.quartz.JobDetail;
import org.quartz.Scheduler;
import org.quartz.SimpleTrigger;

import org.springframework.beans.factory.BeanNameAware;
import org.springframework.beans.factory.InitializingBean;
import org.springframework.core.Constants;

/**

```

```

* Convenience subclass of Quartz's { @link org.quartz.SimpleTrigger } class,
* making bean-style usage easier.
*
* <p><code>SimpleTrigger</code> itself is already a JavaBean but lacks sensible defaults.
* This class uses the Spring bean name as job name, the Quartz default group
* ("DEFAULT") as job group, the current time as start time, and indefinite
* repetition, if not specified.
*
* <p>This class will also register the trigger with the job name and group of
* a given { @link org.quartz.JobDetail }. This allows { @link SchedulerFactoryBean }
* to automatically register a trigger for the corresponding JobDetail,
* instead of registering the JobDetail separately.
*
* <p><b>NOTE: This convenience subclass does not work against Quartz 2.0.</b>
* Use Quartz 2.0's native <code>JobDetailImpl</code> class or the new Quartz 2.0
* builder API instead. Alternatively, switch to Spring's { @link SimpleTriggerFactoryBean }
* which largely is a drop-in replacement for this class and its properties and
* consistently works against Quartz 1.x as well as Quartz 2.0/2.1.
*
* @author Juergen Hoeller
* @since 18.02.2004
* @see #setName
* @see #setGroup
* @see #setStartTime
* @see #setJobName
* @see #setJobGroup
* @see #setJobDetail
* @see SchedulerFactoryBean#setTriggers
* @see SchedulerFactoryBean#setJobDetails
* @see CronTriggerBean
*/
public class SimpleTriggerBean extends SimpleTrigger
    implements JobDetailAwareTrigger, BeanNameAware, InitializingBean {

    /** Constants for the SimpleTrigger class */
    private static final Constants constants = new Constants(SimpleTrigger.class);

    private long startDelay = 0;

    private JobDetail jobDetail;

    private String beanName;

    public SimpleTriggerBean() {
        setRepeatCount(REPEAT_INDEFINITELY);
    }

```

```

/**
 * Register objects in the JobDataMap via a given Map.
 * <p>These objects will be available to this Trigger only,
 * in contrast to objects in the JobDetail's data map.
 * @param jobDataAsMap Map with String keys and any objects as values
 * (for example Spring-managed beans)
 * @see JobDetailBean#setJobDataAsMap
 */
public void setJobDataAsMap(Map<String, ?> jobDataAsMap) {
    getJobDataMap().putAll(jobDataAsMap);
}

/**
 * Set the misfire instruction via the name of the corresponding
 * constant in the { @link org.quartz.SimpleTrigger} class.
 * Default is <code>MISFIRE_INSTRUCTION_SMART_POLICY</code>.
 * @see org.quartz.SimpleTrigger#MISFIRE_INSTRUCTION_FIRE_NOW
 * @see
org.quartz.SimpleTrigger#MISFIRE_INSTRUCTION_RESCHEDULE_NEXT_WITH_EXISTING_COUNT
 * @see
org.quartz.SimpleTrigger#MISFIRE_INSTRUCTION_RESCHEDULE_NEXT_WITH_REMAINING_COUNT
 * @see
org.quartz.SimpleTrigger#MISFIRE_INSTRUCTION_RESCHEDULE_NOW_WITH_EXISTING_REPEAT_COU
NT
 * @see
org.quartz.SimpleTrigger#MISFIRE_INSTRUCTION_RESCHEDULE_NOW_WITH_REMAINING_REPEAT_C
OUNT
 * @see org.quartz.Trigger#MISFIRE_INSTRUCTION_SMART_POLICY
 */
public void setMisfireInstructionName(String constantName) {
    setMisfireInstruction(constants.asNumber(constantName).intValue());
}

/**
 * Set a list of TriggerListener names for this job, referring to
 * non-global TriggerListeners registered with the Scheduler.
 * <p>A TriggerListener name always refers to the name returned
 * by the TriggerListener implementation.
 * @see SchedulerFactoryBean#setTriggerListeners
 * @see org.quartz.TriggerListener#getName
 */
public void setTriggerListenerNames(String[] names) {
    for (int i = 0; i < names.length; i++) {
        addTriggerListener(names[i]);
    }
}

```

```

/**
 * Set the start delay in milliseconds.
 * <p>The start delay is added to the current system time (when the bean starts)
 * to control the { @link #setStartTime start time} of the trigger.
 * <p>If the start delay is non-zero, it will <strong>always</strong>
 * take precedence over start time.
 * @param startDelay the start delay, in milliseconds
 */
public void setStartDelay(long startDelay) {
    this.startDelay = startDelay;
}

/**
 * Set the JobDetail that this trigger should be associated with.
 * <p>This is typically used with a bean reference if the JobDetail
 * is a Spring-managed bean. Alternatively, the trigger can also
 * be associated with a job by name and group.
 * @see #setJobName
 * @see #setJobGroup
 */
public void setJobDetail(JobDetail jobDetail) {
    this.jobDetail = jobDetail;
}

public JobDetail getJobDetail() {
    return this.jobDetail;
}

public void setBeanName(String beanName) {
    this.beanName = beanName;
}

public void afterPropertiesSet() throws ParseException {
    if (getName() == null) {
        setName(this.beanName);
    }
    if (getGroup() == null) {
        setGroup(Scheduler.DEFAULT_GROUP);
    }
    if (getStartTime() == null) {
        setStartTime(new Date(System.currentTimeMillis() + this.startDelay));
    }
    if (this.jobDetail != null) {
        setJobName(this.jobDetail.getName());
        setJobGroup(this.jobDetail.getGroup());
    }
}

```



```

}
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 */

package org.springframework.scheduling.quartz;

import java.lang.reflect.Method;
import java.text.ParseException;
import java.util.Date;
import java.util.Map;

import org.quartz.JobDataMap;
import org.quartz.JobDetail;
import org.quartz.Scheduler;
import org.quartz.SimpleTrigger;

import org.springframework.beans.BeanWrapper;
import org.springframework.beans.BeanWrapperImpl;
import org.springframework.beans.MutablePropertyValues;
import org.springframework.beans.factory.BeanNameAware;
import org.springframework.beans.factory.FactoryBean;
import org.springframework.beans.factory.InitializingBean;
import org.springframework.core.Constants;
import org.springframework.util.Assert;
import org.springframework.util.ReflectionUtils;

/**
 * A Spring { @link FactoryBean } for creating a Quartz { @link org.quartz.SimpleTrigger }
 * instance, supporting bean-style usage for trigger configuration.
 *
 * <p><code>SimpleTrigger(Impl)</code> itself is already a JavaBean but lacks sensible defaults.
 * This class uses the Spring bean name as job name, the Quartz default group ("DEFAULT")
 * as job group, the current time as start time, and indefinite repetition, if not specified.
 */

```

```

* <p>This class will also register the trigger with the job name and group of
* a given { @link org.quartz.JobDetail}. This allows { @link SchedulerFactoryBean}
* to automatically register a trigger for the corresponding JobDetail,
* instead of registering the JobDetail separately.
*
* <p><b>NOTE:</b> This FactoryBean works against both Quartz 1.x and Quartz 2.0/2.1,
* in contrast to the older { @link SimpleTriggerBean} class.
*
* @author Juergen Hoeller
* @since 3.1
* @see #setName
* @see #setGroup
* @see #setStartTime
* @see #setJobName
* @see #setJobGroup
* @see #setJobDetail
* @see org.springframework.scheduling.quartz.SchedulerFactoryBean#setTriggers
* @see org.springframework.scheduling.quartz.SchedulerFactoryBean#setJobDetails
* @see org.springframework.scheduling.quartz.CronTriggerBean
*/

```

```

public class SimpleTriggerFactoryBean implements FactoryBean<SimpleTrigger>, BeanNameAware,
InitializingBean {

```

```

    /** Constants for the SimpleTrigger class */

```

```

    private static final Constants constants = new Constants(SimpleTrigger.class);

```

```

    private String name;

```

```

    private String group;

```

```

    private JobDetail jobDetail;

```

```

    private JobDataMap jobDataMap = new JobDataMap();

```

```

    private Date startTime;

```

```

    private long startDelay;

```

```

    private long repeatInterval;

```

```

    private int priority;

```

```

    private int misfireInstruction;

```

```

    private String beanName;

```

```

    private SimpleTrigger simpleTrigger;

```

```

/**
 * Specify the trigger's name.
 */
public void setName(String name) {
    this.name = name;
}

/**
 * Specify the trigger's group.
 */
public void setGroup(String group) {
    this.group = group;
}

/**
 * Set the JobDetail that this trigger should be associated with.
 */
public void setJobDetail(JobDetail jobDetail) {
    this.jobDetail = jobDetail;
}

/**
 * Set the trigger's JobDataMap.
 * @see #setJobDataAsMap
 */
public void setJobDataMap(JobDataMap jobDataMap) {
    this.jobDataMap = jobDataMap;
}

/**
 * Return the trigger's JobDataMap.
 */
public JobDataMap getJobDataMap() {
    return this.jobDataMap;
}

/**
 * Register objects in the JobDataMap via a given Map.
 * <p>These objects will be available to this Trigger only,
 * in contrast to objects in the JobDetail's data map.
 * @param jobDataAsMap Map with String keys and any objects as values
 * (for example Spring-managed beans)
 * @see org.springframework.scheduling.quartz.JobDetailBean#setJobDataAsMap
 */
public void setJobDataAsMap(Map<String, ?> jobDataAsMap) {
    this.jobDataMap.putAll(jobDataAsMap);
}

```

```

}

/**
 * Set the start delay in milliseconds.
 * <p>The start delay is added to the current system time (when the bean starts)
 * to control the start time of the trigger.
 * @param startDelay the start delay, in milliseconds
 */
public void setStartDelay(long startDelay) {
    Assert.state(startDelay >= 0, "Start delay cannot be negative.");
    this.startDelay = startDelay;
}

/**
 * Specify the interval between execution times of this trigger.
 */
public void setRepeatInterval(long repeatInterval) {
    this.repeatInterval = repeatInterval;
}

/**
 * Specify the priority of this trigger.
 */
public void setPriority(int priority) {
    this.priority = priority;
}

/**
 * Specify a misfire instruction for this trigger.
 */
public void setMisfireInstruction(int misfireInstruction) {
    this.misfireInstruction = misfireInstruction;
}

/**
 * Set the misfire instruction via the name of the corresponding
 * constant in the { @link org.quartz.SimpleTrigger} class.
 * Default is <code>MISFIRE_INSTRUCTION_SMART_POLICY</code>.
 * @see org.quartz.SimpleTrigger#MISFIRE_INSTRUCTION_FIRE_NOW
 * @see
org.quartz.SimpleTrigger#MISFIRE_INSTRUCTION_RESCHEDULE_NEXT_WITH_EXISTING_COUNT
 * @see
org.quartz.SimpleTrigger#MISFIRE_INSTRUCTION_RESCHEDULE_NEXT_WITH_REMAINING_COUNT
 * @see
org.quartz.SimpleTrigger#MISFIRE_INSTRUCTION_RESCHEDULE_NOW_WITH_EXISTING_REPEAT_COU
NT
 * @see
org.quartz.SimpleTrigger#MISFIRE_INSTRUCTION_RESCHEDULE_NOW_WITH_REMAINING_REPEAT_C

```

OUNT

```
* @see org.quartz.Trigger#MISFIRE_INSTRUCTION_SMART_POLICY
*/
public void setMisfireInstructionName(String constantName) {
    this.misfireInstruction = constants.asNumber(constantName).intValue();
}

public void setBeanName(String beanName) {
    this.beanName = beanName;
}

public void afterPropertiesSet() throws ParseException {
    if (this.name == null) {
        this.name = this.beanName;
    }
    if (this.group == null) {
        this.group = Scheduler.DEFAULT_GROUP;
    }
    if (this.jobDetail != null) {
        this.jobDataMap.put(JobDetailAwareTrigger.JOB_DETAIL_KEY, this.jobDetail);
    }
    if (this.startDelay > 0) {
        this.startTime = new Date(System.currentTimeMillis() + this.startDelay);
    }
    else if (this.startTime == null) {
        this.startTime = new Date();
    }

    /*
    SimpleTriggerImpl sti = new SimpleTriggerImpl();
    sti.setName(this.name);
    sti.setGroup(this.group);
    sti.setJobKey(this.jobDetail.getKey());
    sti.setJobDataMap(this.jobDataMap);
    sti.setStartTime(this.startTime);
    sti.setRepeatInterval(this.repeatInterval);
    sti.setPriority(this.priority);
    sti.setMisfireInstruction(this.misfireInstruction);
    this.simpleTrigger = sti;
    */

    Class simpleTriggerClass;
    Method jobKeyMethod;
    try {
        simpleTriggerClass = getClass().getClassLoader().loadClass("org.quartz.impl.triggers.SimpleTriggerImpl");
        jobKeyMethod = JobDetail.class.getMethod("getKey");
    }
}
```

```

catch (ClassNotFoundException ex) {
    simpleTriggerClass = SimpleTrigger.class;
    jobKeyMethod = null;
}
catch (NoSuchMethodException ex) {
    throw new IllegalStateException("Incompatible Quartz version");
}
BeanWrapper bw = new BeanWrapperImpl(simpleTriggerClass);
MutablePropertyValues pvs = new MutablePropertyValues();
pvs.add("name", this.name);
pvs.add("group", this.group);
if (jobKeyMethod != null) {
    pvs.add("jobKey", ReflectionUtils.invokeMethod(jobKeyMethod, this.jobDetail));
}
else {
    pvs.add("jobName", this.jobDetail.getName());
    pvs.add("jobGroup", this.jobDetail.getGroup());
}
pvs.add("jobDataMap", this.jobDataMap);
pvs.add("startTime", this.startTime);
pvs.add("repeatInterval", this.repeatInterval);
pvs.add("repeatCount", -1);
pvs.add("priority", this.priority);
pvs.add("misfireInstruction", this.misfireInstruction);
bw.setPropertyValues(pvs);
this.simpleTrigger = (SimpleTrigger) bw.getWrappedInstance();
}

```

```

public SimpleTrigger getObject() {
    return this.simpleTrigger;
}

```

```

public Class<?> getObjectType() {
    return SimpleTrigger.class;
}

```

```

public boolean isSingleton() {
    return true;
}
}

```

/\*

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*/

```

```
package org.springframework.ui.freemarker;
```

```
import java.io.IOException;
import java.io.StringWriter;
```

```
import freemarker.template.Template;
import freemarker.template.TemplateException;
```

```
/**
```

```

* Utility class for working with FreeMarker.
* Provides convenience methods to process a FreeMarker template with a model.
*

```

```
*
```

```
* @author Juergen Hoeller
```

```
* @since 14.03.2004
```

```
*/
```

```
public abstract class FreeMarkerTemplateUtils {
```

```
/**
```

```

* Process the specified FreeMarker template with the given model and write
* the result to the given Writer.
* <p>When using this method to prepare a text for a mail to be sent with Spring's
* mail support, consider wrapping IO/TemplateException in MailPreparationException.
* @param model the model object, typically a Map that contains model names
* as keys and model objects as values
* @return the result as String
* @throws IOException if the template wasn't found or couldn't be read
* @throws freemarker.template.TemplateException if rendering failed
* @see org.springframework.mail.MailPreparationException
*/

```

```
*/
```

```

public static String processTemplateIntoString(Template template, Object model)
    throws IOException, TemplateException {
    StringWriter result = new StringWriter();
    template.process(model, result);
    return result.toString();
}

```

```
}
```

```
/**
```

```

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```

```

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* limitations under the License.
*/

```

```
package org.springframework.ui.freemarker;
```

```
import java.io.IOException;
import java.io.InputStreamReader;
import java.io.Reader;
```

```
import freemarker.cache.TemplateLoader;
import org.apache.commons.logging.Log;
import org.apache.commons.logging.LogFactory;
```

```
import org.springframework.core.io.Resource;
import org.springframework.core.io.ResourceLoader;
```

```
/**
 * FreeMarker TemplateLoader adapter that loads via a Spring ResourceLoader.
 * Used by FreeMarkerConfigurationFactory for any resource loader path that
 * cannot be resolved to a java.io.File.
 *
 * @author Juergen Hoeller
 * @since 14.03.2004
 * @see FreeMarkerConfigurationFactory#setTemplateLoaderPath
 * @see freemarker.template.Configuration#setDirectoryForTemplateLoading
 */
```

```
public class SpringTemplateLoader implements TemplateLoader {
```

```
    protected final Log logger = LogFactory.getLog(getClass());
```

```
    private final ResourceLoader resourceLoader;
```

```
    private final String templateLoaderPath;
```

```
/**
 * Create a new SpringTemplateLoader.
```



```

* @param resourceLoader the Spring ResourceLoader to use
* @param templateLoaderPath the template loader path to use
*/
public SpringTemplateLoader(ResourceLoader resourceLoader, String templateLoaderPath) {
    this.resourceLoader = resourceLoader;
    if (!templateLoaderPath.endsWith("/")) {
        templateLoaderPath += "/";
    }
    this.templateLoaderPath = templateLoaderPath;
    if (logger.isInfoEnabled()) {
        logger.info("SpringTemplateLoader for FreeMarker: using resource loader [" + this.resourceLoader +
            "] and template loader path [" + this.templateLoaderPath + "]);
    }
}

public Object findTemplateSource(String name) throws IOException {
    if (logger.isDebugEnabled()) {
        logger.debug("Looking for FreeMarker template with name [" + name + "]);
    }
    Resource resource = this.resourceLoader.getResource(this.templateLoaderPath + name);
    return (resource.exists() ? resource : null);
}

public Reader getReader(Object templateSource, String encoding) throws IOException {
    Resource resource = (Resource) templateSource;
    try {
        return new InputStreamReader(resource.getInputStream(), encoding);
    }
    catch (IOException ex) {
        if (logger.isDebugEnabled()) {
            logger.debug("Could not find FreeMarker template: " + resource);
        }
        throw ex;
    }
}

public long getLastModified(Object templateSource) {
    Resource resource = (Resource) templateSource;
    try {
        return resource.lastModified();
    }
    catch (IOException ex) {
        if (logger.isDebugEnabled()) {
            logger.debug("Could not obtain last-modified timestamp for FreeMarker template in " +
                resource + ": " + ex);
        }
    }
    return -1;
}

```

```
}  
}  
  
public void closeTemplateSource(Object templateSource) throws IOException {  
}  
  
}
```

## 1.204 org.springframework.core

### 3.0.5.RELEASE

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## 1.206 org.springframework.instrument

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# 1.226 servlet-api 2.5

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javascript-natural-sort is a javascript library for sorting data with embedded numbers naturally, the way a human would expect.

<https://github.com/jarinudom/naturalSort.js>

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When upgrading Lucene-Java Jars, remember to generate new Analysis factories for any new Tokenizers or TokenFilters. See the wiki for details...

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VERSION: 2.1 PoliMorf

BUILD: 2016-02-13 19:37:50+01:00

GIT: 6e63b53

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[1] <http://www.ecma-international.org/publications/standards/Ecma-376.htm>

[2] <http://www.ecma-international.org/memento/Ecmabylaws.htm>

[3] <http://www.microsoft.com/interop/osp/>

[4] <http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/ECMA-376%20Edition%201%20Microsoft%20Patent%20Declaration.pdf>

[5] <http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/ga-2006-191.pdf>

DOM4J library (dom4j-1.6.1.jar)

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JUnit test library (junit-3.8.1.jar)

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It specifically implements StAX 1.0 API:

<http://www.jcp.org/en/jsr/detail?id=173>

which defines what is closest to being the J2xE standard for XML pull parsers.

Woodstox was originally written by Tatu Saloranta (<tatu.saloranta@iki.fi>).

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(From <http://repo1.maven.org/maven2/org/codehaus/woodstox/stax2-api/3.1.4/stax2-api-3.1.4.pom>)

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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](mailto: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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The initial code for shuffling an array (originally in class "org.apache.commons.math3.random.RandomDataGenerator", now replaced by a method in class "org.apache.commons.math3.util.MathArrays") was inspired from the algorithm description provided in "Algorithms", by Ian Craw and John Pulham (University of Aberdeen 1999). The textbook (containing a proof that the shuffle is uniformly random) is available here:  
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analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java  
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```

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```
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```

<signature of Ty Coon>, 1 April 1989

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authors make in writing HTML documents. NekoHTML adds missing parent  
elements; automatically closes elements with optional end tags; and can  
handle mismatched inline element tags.

NekoHTML is written using the Xerces Native Interface (XNI) that is the  
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## 1.231 spin.js 1.3

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<http://fgnass.github.io/spin.js/>

## Features

No images, no external CSS

No dependencies (jQuery is supported, but not required)

Highly configurable

Resolution independent

Uses VML as fallback in old IEs

Uses @keyframe animations, falling back to setTimeout()

Works in all major browsers, including IE6

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## 1.253 spring-security-core 3.1.2.RELEASE

## 1.254 spring-security-saml2-core 1.0.2.RELEASE

## 1.255 spring-security-web 3.1.2.RELEASE

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## 1.0.1

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## 1.288 WildFly 8.2.0.Final

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Ales Justin <[ales.justin@gmail.com](mailto:ales.justin@gmail.com)>

Alessio Soldano <[alessio.soldano@jboss.com](mailto:alessio.soldano@jboss.com)>

Alexey Loubyansky <[alex@jboss.org](mailto:alex@jboss.org)>

Alexey Loubyansky <[`olubyans@tstudio.\(none\)`](mailto:olubyans@tstudio.(none))>

Andrew Dinn <[adinn@redhat.com](mailto:adinn@redhat.com)>

Andrew Lee Rubinger <[alr@jboss.org](mailto:alr@jboss.org)>

Andy Taylor <[ataylor@redhat.com](mailto:ataylor@redhat.com)>

Anil Saldhana <[anil.saldhana@jboss.com](mailto:anil.saldhana@jboss.com)>

Aslak Knutsen <[aslak@redhat.com](mailto:aslak@redhat.com)>

Bob McWhirter <[bob@mcwhirter.org](mailto:bob@mcwhirter.org)>

Brian Stansberry <[brian.stansberry@jboss.com](mailto:brian.stansberry@jboss.com)>

Brian Stansberry <[brian.stansberry@redhat.com](mailto:brian.stansberry@redhat.com)>

Brian Stansberry <[bstansberry@jboss.com](mailto:bstansberry@jboss.com)>

Carlo de Wolf <[carlo@nerdnet.nl](mailto:carlo@nerdnet.nl)>

Carlo de Wolf <[cdewolf@redhat.com](mailto:cdewolf@redhat.com)>

Darran Lofthouse <[darran.lofthouse@jboss.com](mailto:darran.lofthouse@jboss.com)>

David Bosschaert <[david.bosschaert@gmail.com](mailto:david.bosschaert@gmail.com)>

David M. Lloyd <[david.lloyd@redhat.com](mailto:david.lloyd@redhat.com)>

David M. Lloyd <[dmlloyd@flurg.com](mailto:dmlloyd@flurg.com)>

Dimitris Andreadis <[dandread@redhat.com](mailto:dandread@redhat.com)>

Dimitris Andreadis <[dimitris@redhat.com](mailto:dimitris@redhat.com)>

Emanuel Muckenhuber <[emuckenh@redhat.com](mailto:emuckenh@redhat.com)>

Flavia Rainone <[flavia.rainone@jboss.com](mailto:flavia.rainone@jboss.com)>

Heiko Braun <[ike.braun@gmail.com](mailto:ike.braun@gmail.com)>

Howard Gao <[hgao@redhat.com](mailto:hgao@redhat.com)>

Jaikiran Pai <[jaikiran.pai@gmail.com](mailto:jaikiran.pai@gmail.com)>

James Perkins <[jperkins@redhat.com](mailto:jperkins@redhat.com)>

James Perkins <jrperkinsjr@gmail.com>  
Jason T. Greene <jason.greene@redhat.com>  
Jason T. Greene <jason@stacksmash.com>  
Jean-Frederic Clere <jfclere@gmail.com>  
Jean-Frederic Clere <jfclere@jfcpc.(none)>  
Jeff Zhang <jeff.zhang@jboss.org>  
Jesper Pedersen <jesper.pedersen@redhat.com>  
Jim Ma <ema@redhat.com>  
John Bailey <baileyje@gmail.com>  
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Jonathan Pearlin <jdp.grails.dev@gmail.com>  
Kabir Khan <kkhan@redhat.com>  
Marcus Moyses <marcus.moyeses@gmail.com>  
Marcus Moyses <mmoyses@redhat.com>  
Marius Bogoevici <marius.bogoevici@gmail.com>  
Max Rydahl Andersen <max@jboss.org>  
Paul Ferraro <paul.ferraro@redhat.com>  
Paul Gier <pgier@redhat.com>  
Pete Muir <pmuir@bleepbleep.org.uk>  
Richard Opalka <ropalka@redhat.com>  
Rmy Maucherat <remm@ws.remm.hd.free.fr>  
Rmy Maucherat <rmaucher@redhat.com>  
Scott M Stark <scott.stark@jboss.org>  
Scott Marlow <smarlow@redhat.com>  
Shelly McGowan <smcgowan@redhat.com>  
Stan Silvert <ssilvert@jboss.com>  
Stan Silvert <ssilvert@redhat.com>  
Stefan Guilhen <sguilhen@redhat.com>  
Stefano Maestri <stefano.maestri@javalinux.it>  
Steve Ebersole <steve@hibernate.org>  
Stuart Douglas <stuart.w.douglas@gmail.com>  
Stuart Douglas <stuart@stuart-thinkpad.localdomain>  
Thomas Diesler <thomas.diesler@jboss.com>  
Tomaz Cerar <tomaz.cerar@gmail.com>  
Vladimir Dosoudil <dosoudil@redhat.com>  
Weston Price <wmprice@redhat.com>

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```
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<html xmlns="http://www.w3.org/1999/xhtml">

<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
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body {
  size: 8.5in 11.0in;
  margin: 0.25in 0.5in 0.25in 0.5in;
  tab-interval: 0.5in;
}
p {
  margin-left: auto;
  margin-top: 0.5em;
  margin-bottom: 0.5em;
}
p.list {
  margin-left: 0.5in;
  margin-top: 0.05em;
  margin-bottom: 0.05em;
}
</style>

</head>

<body lang="EN-US">

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</body>

</html>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">

<html lang="en">

<head>

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

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<meta property="og:image" content="http://www.apache.org/images/asf\_logo.gif" />

<link rel="stylesheet" type="text/css" media="screen" href="/css/style.css">

<link rel="stylesheet" type="text/css" media="screen" href="/css/code.css">

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

<script type="text/javascript" src="/js/apache\_boot.js"></script>



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```
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```
</pre></div></div></div>
```

```
<div class="clear"></div>
```

```
</div>
```

```
<div id="footer" class="container_16">
```

```
<div class="links grid_16">
```

```
<div class="grid_3">
```

```
<h4>Projects</h4>
```

```
<ul>
```

```
<li><a href="http://httpd.apache.org/" title="Apache Web Server (httpd)">HTTP Server</a></li>
```

```
<li><a href="http://abdera.apache.org/" title="Atom Publishing Protocol Implementation">Abdera</a></li>
```

```
<li><a href="http://accumulo.apache.org/" title="Sorted, distributed key/value store">Accumulo</a></li>
```

```
<li><a href="http://ace.apache.org/" title="Centralized life cycle management and deployment of OSGi based and related modular software artifacts for distribution.">ACE</a></li>
```

```
<li><a href="http://activemq.apache.org/" title="Distributed Messaging System">ActiveMQ</a></li>
```

```
<li><a href="http://airavata.apache.org/" title="Workflow and Computational Job Management Middleware">Airavata</a></li>
```

```
<li><a href="http://allura.apache.org/" title="Forge software for hosting software projects">Allura</a></li>
```

```
<li><a href="http://ambari.apache.org/" title="Hadoop cluster management">Ambari</a></li>
```

```
<li><a href="http://ant.apache.org/" title="Java-based build tool">Ant</a></li>
```

```
<li><a href="http://any23.apache.org/" title="Anything to Triples">Any23</a></li>
```

```
<li><a href="http://apr.apache.org/" title="Apache Portable Runtime libraries">APR</a></li>
```

```
<li><a href="http://archiva.apache.org/" title="Build Artifact Repository Manager">Archiva</a></li>
```

```
<li><a href="http://aries.apache.org/" title="Enterprise OSGi application programming model">Aries</a></li>
```

```
<li><a href="http://avro.apache.org/" title="A Serialization System">Avro</a></li>
```

```
<li><a href="http://axis.apache.org/" title="Java SOAP Engine">Axis</a></li>
```

```
<li><a href="http://bigtop.apache.org/" title="Apache Hadoop ecosystem integration and distribution project">Bigtop</a></li>
```

- <li><a href="http://bloodhound.apache.org/" title="Issue tracking, wiki and repository browser">Bloodhound</a></li>
- <li><a href="http://buildr.apache.org/" title="Simple and intuitive build system for Java applications">Buildr</a></li>
- <li><a href="http://bval.apache.org/" title="Apache BVal: JSR-303 Bean Validation Implementation and Extensions">BVal</a></li>
- <li><a href="http://camel.apache.org/" title="Spring based Integration Framework which implements the Enterprise Integration Patterns">Camel</a></li>
- <li><a href="http://cassandra.apache.org/" title="Highly scalable second-generation distributed database">Cassandra</a></li>
- <li><a href="http://cayenne.apache.org/" title="User-friendly Java ORM with Tools">Cayenne</a></li>
- <li><a href="http://chemistry.apache.org/" title="CMIS (Content Management Interoperability Services) Clients and Servers">Chemistry</a></li>
- <li><a href="http://chukwa.apache.org/" title="Open source data collection system for monitoring large distributed systems.">Chukwa</a></li>
- <li><a href="http://clerezza.apache.org/" title="Semantically linked data for OSGi">Clerezza</a></li>
- <li><a href="http://cloudstack.apache.org/" title="Infrastructure as a Service solution">CloudStack</a></li>
- <li><a href="http://cocoon.apache.org/" title="Web development framework: separation of concerns, component-based">Cocoon</a></li>
- <li><a href="http://commons.apache.org/" title="Reusable Java components">Commons</a></li>
- <li><a href="http://continuum.apache.org/" title="Continuous Integration and Build Server">Continuum</a></li>
- <li><a href="http://cordova.apache.org/" title="Platform for building native mobile applications using HTML, CSS and JavaScript">Cordova</a></li>
- <li><a href="http://couchdb.apache.org/" title="RESTful document database">CouchDB</a></li>
- <li><a href="http://creadur.apache.org/" title="Comprehension and auditing of software distributions">Creadur</a></li>
- <li><a href="http://crunch.apache.org/" title="Simple and Efficient MapReduce Pipelines">Crunch</a></li>
- <li><a href="http://ctakes.apache.org/" title="Natural language processing (NLP) tool for information extraction from electronic medical record clinical free-text">cTAKES</a></li>
- <li><a href="http://curator.apache.org/" title="Java libraries that make using Apache ZooKeeper easier">Curator</a></li>
- <li><a href="http://cxf.apache.org/" title="Service Framework">CXF</a></li>
- <li><a href="http://db.apache.org/" title="Database access">DB</a></li>
- <li><a href="http://deltacloud.apache.org/" title="RESTful cloud management interface">Deltacloud</a></li>
- <li><a href="http://deltaspike.apache.org/" title="Portable CDI extensions that provide useful features for Java application developers">DeltaSpike</a></li>
- <li><a href="http://directmemory.apache.org/" title="An off-heap cache for the Java Virtual Machine">DirectMemory</a></li>
- <li><a href="http://directory.apache.org/" title="Apache Directory Server">Directory</a></li>
- <li><a href="http://empire-db.apache.org/" title="Relational Data Persistence">Empire-db</a></li>
- <li><a href="http://etch.apache.org/" title="Cross-platform, language- and transport-independent RPC-like messaging framework">Etch</a></li>
- <li><a href="http://felix.apache.org/" title="OSGi Framework and components.">Felix</a></li>
- <li><a href="http://flex.apache.org/" title="Application framework for expressive web applications that deploy to all major browsers, desktops and devices.">Flex</a></li>
- <li><a href="http://flume.apache.org/" title="A reliable service for efficiently collecting, aggregating, and moving large amounts of log data">Flume</a></li>
- <li><a href="http://forrest.apache.org/" title="Aggregated multi-channel documentation, separation of

concerns">Forrest</a></li>

<li><a href="http://geronimo.apache.org/" title="Java2, Enterprise Edition (J2EE) container">Geronimo</a></li>

<li><a href="http://giraph.apache.org/" title="Iterative graph processing system built for high scalability">Giraph</a></li>

<li><a href="http://gora.apache.org/" title="ORM framework for column stores such as Apache HBase and Apache Cassandra with a specific focus on Hadoop">Gora</a></li>

<li><a href="http://gump.apache.org/" title="Continuous integration of open source projects">Gump</a></li>

<li><a href="http://hadoop.apache.org/" title="Distributed computing platform">Hadoop</a></li>

<li><a href="http://hama.apache.org/" title="a Bulk Synchronous Parallel computing framework on top of Hadoop">Hama</a></li>

<li><a href="http://hbase.apache.org/" title="Hadoop Database">HBase</a></li>

<li><a href="http://helix.apache.org/" title="A cluster management framework for partitioned and replicated distributed resources">Helix</a></li>

<li><a href="http://hive.apache.org/" title="Data warehouse infrastructure using the Hadoop Database">Hive</a></li>

<li><a href="http://hc.apache.org/" title="Java toolset of low level HTTP components">HttpComponents</a></li>

<li><a href="http://isis.apache.org/" title="Framework for rapidly developing domain-driven apps in Java">Isis</a></li>

<li><a href="http://jackrabbit.apache.org/" title="Content Repository for Java">Jackrabbit</a></li>

<li><a href="http://james.apache.org/" title="Java Apache Mail Enterprise Server">James</a></li>

<li><a href="http://jclouds.apache.org/" title="Java cloud APIs and abstractions">jclouds</a></li>

<li><a href="http://jena.apache.org/" title="Java framework for building Semantic Web applications">Jena</a></li>

<li><a href="http://jmeter.apache.org/" title="Java performance and functional testing">JMeter</a></li>

<li><a href="http://jspwiki.apache.org/" title="Leading open source WikiWiki engine, feature-rich and built around standard J2EE components (Java, servlets, JSP). ">JSPWiki</a></li>

<li><a href="http://juddi.apache.org/" title="Java implementation of the Universal Description, Discovery, and Integration specification">jUDDI</a></li>

<li><a href="http://kafka.apache.org/" title="Distributed publish-subscribe messaging system">Kafka</a></li>

<li><a href="http://karaf.apache.org/" title="Server-side OSGi distribution">Karaf</a></li>

<li><a href="http://knox.apache.org/" title="Simplify and normalize the deployment and implementation of secure Hadoop clusters">Knox</a></li>

<li><a href="http://lenya.apache.org/" title="Content Management System">Lenya</a></li>

<li><a href="http://libcloud.apache.org/" title="Unified interface to the cloud">Libcloud</a></li>

<li><a href="http://logging.apache.org/" title="Cross-language logging services">Logging</a></li>

<li><a href="http://lucene.apache.org/" title="Search engine library">Lucene</a></li>

<li><a href="http://lucenenet.apache.org/" title="Search engine library targeted at .NET runtime users.">Lucene.Net</a></li>

<li><a href="http://lucy.apache.org/" title="Search engine library for dynamic languages">Lucy</a></li>

<li><a href="http://mahout.apache.org/" title="Scalable machine learning library">Mahout</a></li>

<li><a href="http://manifoldcf.apache.org/" title="Framework for connecting source content repositories to target repositories or indexes.">ManifoldCF</a></li>

<li><a href="http://marmotta.apache.org/" title="An Open Platform for Linked Data">Marmotta</a></li>

<li><a href="http://maven.apache.org/" title="Java project management and comprehension tools">Maven</a></li>

<li><a href="http://mesos.apache.org/" title="a cluster manager that provides efficient resource isolation and sharing across distributed applications">Mesos</a></li>

<li><a href="http://mina.apache.org/" title="Multipurpose Infrastructure for Network Application">MINA</a></li>

<li><a href="http://mrunit.apache.org/" title="Java library that helps developers unit test Apache Hadoop map

reduce jobs">MRUnit</a></li>

<li><a href="http://myfaces.apache.org/" title="JavaServer(tm) Faces implementation and components">MyFaces</a></li>

<li><a href="http://nutch.apache.org/" title="Open Source Web Search Software">Nutch</a></li>

<li><a href="http://ode.apache.org/" title="Orchestration Director Engine: Business Process Management (BPM), Process Orchestration and Workflow through service composition.">ODE</a></li>

<li><a href="http://ofbiz.apache.org/" title="Open for Business: enterprise automation software">OFBiz</a></li>

<li><a href="http://olingo.apache.org/" title="OASIS OData protocol libraries">Olingo</a></li>

<li><a href="http://oltu.apache.org/" title="OAuth protocol implementation in Java">Oltu</a></li>

<li><a href="http://onami.apache.org/" title="Development and maintenance of a set of Google Guice extensions">Onami</a></li>

<li><a href="http://oodt.apache.org/" title="Object Oriented Data Technology (middleware metadata)">OODT</a></li>

<li><a href="http://oozie.apache.org/" title="A workflow scheduler system to manage Apache Hadoop jobs.">Oozie</a></li>

<li><a href="http://climate.apache.org/" title="Climate model evaluation">Open Climate Workbench</a></li>

<li><a href="http://openjpa.apache.org/" title="OpenJPA: Object Relational Mapping for Java">OpenJPA</a></li>

<li><a href="http://openmeetings.apache.org/" title="OpenMeetings: Web-Conferencing and real-time collaboration">OpenMeetings</a></li>

<li><a href="http://opennlp.apache.org/" title="Machine learning based toolkit for the processing of natural language text">OpenNLP</a></li>

<li><a href="http://openoffice.apache.org/" title="An open-source, office-document productivity suite">OpenOffice</a></li>

<li><a href="http://openwebbeans.apache.org/" title="OpenWebBeans: JSR-299 Context and Dependency Injection for Java EE Platform Implementation">OpenWebBeans</a></li>

<li><a href="http://pdfbox.apache.org/" title="Java library for working with PDF documents">PDFBox</a></li>

<li><a href="http://perl.apache.org/" title="Dynamic websites using Perl">Perl</a></li>

<li><a href="http://pig.apache.org/" title="Platform for analyzing large data sets">Pig</a></li>

<li><a href="http://pivot.apache.org/" title="Rich Internet applications in Java">Pivot</a></li>

<li><a href="http://poi.apache.org/" title="Java API for OLE 2 Compound and OOXML Documents">POI</a></li>

<li><a href="http://portals.apache.org/" title="Portal technology">Portals</a></li>

<li><a href="http://qpuid.apache.org/" title="Multiple language implementation of the latest Advanced Message Queuing Protocol (AMQP)">Qpid</a></li>

<li><a href="http://rave.apache.org/" title="Web and social mashup engine">Rave</a></li>

<li><a href="http://river.apache.org/" title="Jini service oriented architecture">River</a></li>

<li><a href="http://roller.apache.org/" title="Java blog server">Roller</a></li>

<li><a href="http://santuario.apache.org/" title="XML Security in Java and C++">Santuario</a></li>

<li><a href="http://servicemix.apache.org/" title="Enterprise Service Bus">ServiceMix</a></li>

<li><a href="http://shindig.apache.org/" title="Opensocial Reference Implementation">Shindig</a></li>

<li><a href="http://shiro.apache.org/" title="Powerful and easy-to-use application security framework">Shiro</a></li>

<li><a href="http://sis.apache.org/" title="Spatial Information System">SIS</a></li>

<li><a href="http://sling.apache.org/" title="Web Framework for JCR Content Repositories">Sling</a></li>

<li><a href="http://spamassassin.apache.org/" title="Mail filter to identify spam">SpamAssassin</a></li>

<li><a href="http://spark.apache.org/" title="Fast and general engine for large-scale data processing">Spark</a></li>

<li><a href="http://sqoop.apache.org/" title="Bulk Data Transfer for Hadoop and Structured Datastores">Sqoop</a></li>

- <li><a href="http://stanbol.apache.org/" title="Reusable components for semantic content management">Stanbol</a></li>
  - <li><a href="http://steve.apache.org/" title="Apache's Python based single transferable vote software system">STeVe</a></li>
  - <li><a href="http://struts.apache.org/" title="Model 2 framework for building Java web applications">Struts</a></li>
  - <li><a href="http://subversion.apache.org/" title="Version Control">Subversion</a></li>
  - <li><a href="http://synapse.apache.org/" title="Enterprise Service Bus and Mediation Framework">Synapse</a></li>
  - <li><a href="http://syncope.apache.org/" title="Managing digital identities in enterprise environments">Syncope</a></li>
  - <li><a href="http://tajo.apache.org/" title="Big data warehouse system on Hadoop">Tajo</a></li>
  - <li><a href="http://tapestry.apache.org/" title="Component-based Java Web Application Framework">Tapestry</a></li>
  - <li><a href="http://tcl.apache.org/" title="Dynamic websites using TCL">Tcl</a></li>
  - <li><a href="http://tez.apache.org/" title="High-performance and scalable distributed data processing framework">Tez</a></li>
  - <li><a href="http://thrift.apache.org/" title="Framework for scalable cross-language services development">Thrift</a></li>
  - <li><a href="http://tika.apache.org" title="Content Analysis and Detection Toolkit">Tika</a></li>
  - <li><a href="http://tiles.apache.org/" title="A templating framework for web application user interfaces">Tiles</a></li>
  - <li><a href="http://tomcat.apache.org/" title="A Java Servlet and JSP Container">Tomcat</a></li>
  - <li><a href="http://tomee.apache.org/" title="Java EE Web Profile built on Tomcat">TomEE</a></li>
  - <li><a href="http://trafficserver.apache.org/" title="A fast, scalable and extensible HTTP/1.1 compliant caching proxy server">Traffic Server</a></li>
  - <li><a href="http://turbine.apache.org/" title="A Java Servlet Web Application Framework and associated component library">Turbine</a></li>
  - <li><a href="http://tuscany.apache.org/" title="An SCA based Service Composition Framework">Tuscany</a></li>
  - <li><a href="http://uima.apache.org/" title="Framework and annotators for unstructured information analysis">UIMA</a></li>
  - <li><a href="http://vcl.apache.org/" title="Virtual Computing Lab">VCL</a></li>
  - <li><a href="http://velocity.apache.org/" title="A Java Templating Engine">Velocity</a></li>
  - <li><a href="http://vxquery.apache.org/" title="A parallel XQuery processor">VXQuery</a></li>
  - <li><a href="http://ws.apache.org/" title="Projects related to Web Services">Web Services</a></li>
  - <li><a href="http://whirr.apache.org/" title="Libraries for running Cloud Services">Whirr</a></li>
  - <li><a href="http://wicket.apache.org/" title="Component-based Java Web Application Framework.">Wicket</a></li>
  - <li><a href="http://wink.apache.org/" title="RESTful Web services Framework">Wink</a></li>
  - <li><a href="http://wookie.apache.org/" title="Widgets for Applications">Wookie</a></li>
  - <li><a href="http://xalan.apache.org/" title="XSLT processors in Java and C++">Xalan</a></li>
  - <li><a href="http://xerces.apache.org/" title="XML parsers in Java, C++ and Perl">Xerces</a></li>
  - <li><a href="http://xmlbeans.apache.org/" title="XML-Java binding tool">XMLBeans</a></li>
  - <li><a href="http://xmlgraphics.apache.org/" title="Conversion from XML to graphical output">XML Graphics</a></li>
  - <li><a href="http://zookeeper.apache.org/" title="Centralized service for maintaining configuration information">ZooKeeper</a></li>
- </ul>

```

</div>
<div class="grid_3">
  <h4>Foundation</h4>
  <ul>
    <li><a href="/foundation/faq.html">FAQ</a></li>
    <li><a href="/foundation/glossary.html">Glossary</a></li>
    <li><a href="/licenses/" title="Overview of the Apache Licenses">Licenses</a></li>
    <li><a href="/foundation/marks/" title="Apache marks policies and listing">Trademarks</a></li>
    <li><a href="/foundation/news.html" title="Official news feed of Foundation announcements">News</a></li>

    <li><a href="/press/" title="Press, Media, and Analyst contact">Press Inquiries</a></li>
    <li><a href="/foundation/records/" title="Formal corporate records and board meeting minutes">Public
Records</a></li>
    <li><a href="/foundation/maillinglists.html" title="Mailing lists and Apache">Mailing Lists</a></li>
    <li><a href="/foundation/sponsorship.html" title="Sponsor the Foundation">Sponsorship</a></li>
    <li><a href="/foundation/contributing.html" title="Donate to the Foundation">Donations</a></li>
    <li><a href="/foundation/buy_stuff.html" title="Buy Apache branded merchandise">Buy Stuff</a></li>
    <li><a href="/foundation/thanks.html" title="Thank you to our Sponsors">Thanks</a></li>
    <li><a href="/foundation/contact.html" title="Contact Us">Contact</a></li>
  </ul>
</div>
<div class="grid_3 suffix_1">
  <h4>Foundation Projects</h4>
  <ul>
    <li><a href="http://attic.apache.org/" title="Inactive projects repository">Attic</a></li>
    <li><a href="/foundation/conferences.html" title="Meetings of developers and users">Conferences</a></li>
    <li><a href="http://community.apache.org/" title="Helping newcomers to the ASF">Community
Development</a></li>
    <li><a href="http://incubator.apache.org/" title="Shepherd for new projects">Incubator</a></li>
    <li><a href="/dev/" title="ASF Infrastructure: Operations and howto documents for PMCs and
contributors">Infrastructure</a></li>
    <li><a href="http://labs.apache.org/" title="The Innovation Laboratories of the Apache Software
Foundation">Labs</a></li>
    <li><a href="/legal/" title="Legal Affairs">Legal Affairs</a></li>
    <li><a href="/press/" title="Public Relations">Public Relations</a></li>
    <li><a href="/security/" title="Security">Security</a></li>
    <li><a href="/travel/" title="Travel Assistance">Travel Assistance</a></li>
  </ul>
</div>

<div class="grid_3">
  <h4>Community</h4>
  <ul>
    <li><a href="http://people.apache.org/" title="Apache committer homepages">People</a></li>
    <li><a href="/memorials/" title="In memoriam of past committers">Memorials</a></li>
    <li><a href="http://feathercast.apache.org/" title="Apache Podcasts">Feathercast</a></li>
    <li><a href="http://blogs.apache.org/" title="Apache Project Blogs">Project Blogs</a></li>
    <li><a href="http://planet.apache.org/committers/" title="Apache Committers' Blogs">PlanetApache</a></li>

```

```

</ul>
</div>
<div class="grid_3">
  <h4>How It Works</h4>
  <ul>
    <li><a href="/foundation/how-it-works.html">Introduction</a></li>
    <li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
    <li><a href="/foundation/how-it-works.html#structure">Structure</a></li>
    <li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
    <li><a href="/foundation/how-it-works.html#management">Collaboration</a></li>
    <li><a href="/foundation/how-it-works.html#incubator">Incubator</a></li>
    <li><a href="/foundation/how-it-works.html#other">Other entities</a></li>
    <li><a href="/foundation/glossary.html">Glossary</a></li>
    <li><a href="/foundation/voting.html">Voting</a></li>
  </ul>
</div>
</div>
<div class="clear"></div>

</div>
<div id="copyright" class="container_16">
  <p>Copyright © 2012 The Apache Software Foundation, Licensed under the <a
href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.<br/>Apache and the
Apache feather logo are trademarks of The Apache Software Foundation.</p>
</div>
</body>
</html>
<!DOCTYPE html>
<html>
<head>
  <title>jsoup License</title>
  <meta name="keywords" content="license, open source, mit" />
  <meta name="description" content="jsoup is licensed under the MIT open source license" />
  <link type="text/css" rel="stylesheet" href="/rez/style.css" />
  <script type="text/javascript">
    var _gaq = _gaq || [];
    _gaq.push(['_setAccount', 'UA-89734-10']);
    _gaq.push(['_setDomainName', 'jsoup.org']);
    _gaq.push(['_trackPageview']);

    (function() {
      var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async = true;
      ga.src = ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') + '.google-analytics.com/ga.js';
      var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(ga, s);
    })();
  </script>
</head>

```

```

<body class="n1-">
<div class="wrap">
<div class="header">
<div class="nav-sections">
<ul>
<li class="n1-home"><h4><a href="/">jsoup</a></h4></li>
<li class="n1-news"><a href="/news/">News</a></li>
<li class="n1-bugs"><a href="/bugs">Bugs</a></li>
<li class="n1-discussion"><a href="/discussion">Discussion</a></li>
<li class="n1-download"><a href="/download">Download</a></li>
<li class="n1-api"><a href="/apidocs/">API Reference</a></li>
<li class="n1-cookbook"><a href="/cookbook/">Cookbook</a></li>
<li class="n1-try"><a href="http://try.jsoup.org/">Try jsoup</a></li>
</ul>
</div>
</div>
<div class="breadcrumb">
<a href="/">jsoup</a>
<span class="seperator">&#x2013;</span> jsoup License
</div>
<div class="content">
<div class="col1">
<h1>jsoup License</h1>
<p>The jsoup code-base (include source and compiled packages) are distributed under the open source MIT license as described below.</p>
<h3>The MIT License</h3>
<p>Copyright &copy; 2009 - 2013 <a href="http://jonathanhedley.com">Jonathan Hedley</a> (<a href="mailto:jonathan@hedley.net">jonathan@hedley.net</a>)</p>
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</div>
<!-- /col1 -->
<div class="col2">
</div>
<!-- /col2 -->
</div>
<!-- /content-->

```



```
<div class="footer">
  <b>jsoup HTML parser</b> &copy; 2009 - 2013
  <a href="http://jhy.io/" rel="author"><b>Jonathan Hedley</b></a>
</div>
</div>
<!-- /wrap -->
<script src="/rez/prettify.js"></script>
<script>prettyPrint();</script>
</body>
</html>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
  <meta http-equiv="content-type"
content="text/html; charset=ISO-8859-1">
  <title>CDDL ver. 1.0</title>
  <meta name="author" content="Cliff Allen">
</head>
<body>
COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0
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</body>

</html>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML+RDFa 1.0//EN"

"http://www.w3.org/MarkUp/DTD/xhtml-rdfa-1.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" version="XHTML+RDFa 1.0" dir="ltr">

<head profile="http://www.w3.org/1999/xhtml/vocab">

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" /><script

type="text/javascript">window.NREUM||(NREUM={}),\_\_nr\_require=function(t,n,e){function r(e){if(!n[e]){var o=n[e]={exports:{}};t[e][0].call(o.exports,function(n){var o=t[e][1][n];return r(o?o:n)},o,o.exports)}return n[e].exports}if("function"===typeof \_\_nr\_require)return \_\_nr\_require;for(var o=0;o<e.length;o++)r(e[o]);return r}({D5DuLP:[function(t,n){function e(t,n){var e=r[t];return e?e.apply(this,n):(o[t]||o[t]=[],void o[t].push(n))}var r={},o={};n.exports=e,e.queues=o,e.handlers=r},{},handle:[function(t,n){n.exports=t("D5DuLP")},{},G9z0Bl:[function(t,n){function e(){var t=l.info=NREUM.info;if(t&&t.agent&&t.licenseKey&&t.applicationID&&p&&p.body){l.proto="https"===f.split(":")[0]||t.ssiForHttp?"https://":"http://",i("mark",["onload",a()]);var n=p.createElement("script");n.src=l.proto+t.agent,p.body.appendChild(n)}}function r(){"complete"===p.readyState&&o()}function o(){i("mark",["domContent",a()])}function a(){return(new

```

Date).getTime()}var
i=t("handle"),u=window,p=u.document,s="addEventListener",c="attachEvent",f=("" +location).split("?")[0],l=n.exp
orts={offset:a(),origin:f,features:[]};p[s]?(p[s]("DOMContentLoaded",o,!1),u[s]("load",e,!1)):p[c]("onreadystatechange",r),u[c]("onload",e)),i("mark",["firstbyte",a()]),{handle:"D5DuLP"}],loader:[function(t,n){n.exports=t("G9z0B
l")},{}],{["G9z0B1"]});</script>
<link rel="shortcut icon" href="http://opensource.org/files/garland_favicon.png" type="image/png" />
<link rel="shortlink" href="/node/66" />
<link rel="canonical" href="/licenses/MIT" />
<meta name="Generator" content="Drupal 7 (http://drupal.org)" />
<title>The MIT License (MIT) | Open Source Initiative</title>
<link type="text/css" rel="stylesheet"
href="http://opensource.org/files/css/css_pbm0lsQQJ7A7WCCIMgxLho6mI_kBNgznuNUWmTWcnfoE.css"
media="all" />
<link type="text/css" rel="stylesheet" href="http://opensource.org/files/css/css_2ATB4XKGEvmoUk_p62PwI-
o2aW47EqqS0nD2dmPZoV4.css" media="all" />
<link type="text/css" rel="stylesheet" href="http://opensource.org/files/css/css_2wi77kyP-
rJKVpFW5M3KFcj7Cb99lZalmubKIwWwsmU.css" media="all" />
<link type="text/css" rel="stylesheet"
href="http://opensource.org/files/css/css_k3snrbsthqot7V7ccRZHS9OkCZkwBv4adtNieIVlbeEU.css" media="print"
/>

<!--[if lt IE 7]>
<link type="text/css" rel="stylesheet" href="http://opensource.org/themes/garland/fix-ie.css?n59km7" media="all"
/>
<![endif]-->
<script type="text/javascript"
src="http://opensource.org/files/js/js_xAPI0qIk9eowy_iS9tNkCWXLUVoat94SQT48UBCFkyQ.js"></script>
<script type="text/javascript">
<!--/--><![CDATA[//><!--
jQuery.extend(Drupal.settings,
{"basePath":"\/","pathPrefix":"","ajaxPageState":{"theme":"garland","theme_token":"7BC2XvMXRSjxxfAnx01wx
Kt4P-EKC8jv0RcJ6wO-W-
I","js":{"misc\/jquery.js":1,"misc\/jquery.once.js":1,"misc\/drupal.js":1},"css":{"modules\/system\/system.base.css":
1,"modules\/system\/system.menus.css":1,"modules\/system\/system.messages.css":1,"modules\/system\/system.the
me.css":1,"modules\/aggregator\/aggregator.css":1,"modules\/comment\/comment.css":1,"modules\/field\/theme\/fie
ld.css":1,"sites\/all\/modules\/mollom\/mollom.css":1,"modules\/node\/node.css":1,"modules\/search\/search.css":1,"
modules\/user\/user.css":1,"themes\/garland\/style.css":1,"themes\/garland\/print.css":1,"themes\/garland\/fix-
ie.css":1}}});
//--><![>
</script>
</head>
<body class="html not-front not-logged-in one-sidebar sidebar-first page-node page-node- page-node-66 node-type-
page fluid-width" >
<div id="skip-link">
<a href="#main-content" class="element-invisible element-focusable">Skip to main content</a>
</div>

<div id="wrapper">

```

```

<div id="container" class="clearfix">

<div id="header">
  <div id="logo-floater">
    <div id="branding"><strong><a href="/">
      
      <span>Open Source Initiative</span>      </a></strong></div>
    </div>

    </div> <!-- /#header -->

    <div id="sidebar-first" class="sidebar">
      <div class="region region-sidebar-first">
        <div id="block-search-form" class="block block-search clearfix">

          <h2 class="title">Search this site:</h2>

          <div class="content">
            <form action="/licenses/mit-license.php" method="post" id="search-block-form" accept-charset="UTF-
8"><div><div class="container-inline">
              <div class="form-item form-type-textfield form-item-search-block-form">
                <label class="element-invisible" for="edit-search-block-form--2">Search </label>
                <input title="Enter the terms you wish to search for." type="text" id="edit-search-block-form--2"
name="search_block_form" value="" size="15" maxlength="128" class="form-text" />
              </div>
              <div class="form-actions form-wrapper" id="edit-actions"><input type="submit" id="edit-submit" name="op"
value="Search" class="form-submit" /></div><input type="hidden" name="form_build_id" value="form-
Fu509gwweA_G6BKnWouvTdRVXDC6NcOl6GBr5Vx6VP0" />
              <input type="hidden" name="form_id" value="search_block_form" />
            </div>
          </div></form> </div>
        </div>
        <div id="block-system-navigation" class="block block-system block-menu clearfix">

          <h2 class="title">Navigation</h2>

          <div class="content">
            <ul class="menu"><li class="first collapsed"><a href="/about" title="About the Open Source Initiative">About
the OSI</a></li>
            <li class="collapsed"><a href="/osd" title="The actual OSD defining what constitutes an Open Source licence">The
Open Source Definition</a></li>
            <li class="collapsed"><a href="/licenses">Open Source Licenses</a></li>
            <li class="leaf"><a href="/working_groups">Working Groups</a></li>
            <li class="leaf"><a href="/faq" title="Frequently Asked Questions about open source and about the
OSI.">FAQ</a></li>
            <li class="collapsed"><a href="/trademark" title="Information about trademark and logo usage">Trademark and
Logo Usage</a></li>

```

- <li class="collapsed"><a href="/osr-intro" title="Open Standards Requirement for Software">Open Standards</a></li>
- <li class="leaf"><a href="/osi-open-source-education" title="OSI's Open Source Education Initiative and Activities">Open Source Education</a></li>
- <li class="collapsed"><a href="/lists" title="The virtual committees where the OSI's work gets done">Mailing lists</a></li>
- <li class="collapsed"><a href="/help" title="Resources for questions and further exploration">Getting Help</a></li>
- <li class="collapsed"><a href="http://opensource.org/donate" title="">Donate to the OSI</a></li>
- <li class="leaf"><a href="/members">OSI Individual Membership</a></li>
- <li class="leaf"><a href="/store">OSI Store</a></li>
- <li class="collapsed"><a href="/affiliates" title="Home page for OSI's membership scheme for non-profits and not-for-profits">OSI Affiliate Membership</a></li>
- <li class="leaf"><a href="/contact" title="">Contact OSI</a></li>
- <li class="leaf"><a href="/ToS" title="Rules for posting content on this site">Terms of Service</a></li>
- <li class="last leaf"><a href="/sponsors">OSI Corporate Sponsors</a></li>

</ul> </div>

</div>

</div>

</div>

<div id="center"><div id="squeeze"><div class="right-corner"><div class="left-corner">

<h2 class="element-invisible">You are here</h2><div class="breadcrumb"><a href="/">Home</a></div>

<a id="main-content"></a>

<div id="tabs-wrapper" class="clearfix">  
<h1 class="with-tabs">The MIT License  
(MIT)</h1>

</div>

<div class="clearfix">

<div class="region region-content">

<div id="block-system-main" class="block block-system clearfix">

<div class="content">

<div id="node-66" class="node node-page">

<div class="content clearfix">



<div class="field field-name-body field-type-text-with-summary field-label-hidden"><div class="field-items"><div class="field-item even"><p>The MIT License (MIT)</p>

<p>Copyright (c) &lt;year&gt; &lt;copyright holders&gt;</p>

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LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,  
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
THE SOFTWARE.

```
<div class="clearfix">  
  <div class="links"></div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="region region-footer">
```

```
<div id="block-block-11" class="block block-block clearfix">
```

```
<div class="content">
```

```
<p style="text-align:center">Help shape the future of the Open Source Initiative...<a  
href="http://osi.xwiki.com">visit and participate in the OSI wiki</a>.</p>
```

```
<div>
```

```
<a href="https://twitter.com/OpenSourceOrg" class="twitter-follow-button" data-show-count="false" data-  
lang="en">Follow @OpenSourceOrg</a>
```

```
<script>
```

```
<!--><![CDATA[><!--
```

```
!function(d,s,id){var
```

```
js,fjs=d.getElementsByTagName(s)[0];if(!d.getElementById(id)){js=d.createElement(s);js.id=id;js.src="//platform.t  
witter.com/widgets.js";fjs.parentNode.insertBefore(js,fjs);}(document,"script","twitter-wjs");
```

```
//><![>
```

```
</script></div>
```

```
<p>
```

```
<!-- Creative Commons License --><a rel="license" href="http://creativecommons.org/licenses/by/4.0/"></a><br />Opensource.org site content is licensed under a <a rel="license"
```

```
href="http://creativecommons.org/licenses/by/4.0/">Creative Commons Attribution 4.0 International
```

License</a>.<!-- /Creative Commons License -->

```
<!-- <rdf:RDF xmlns="http://web.resource.org/cc/" xmlns:dc="http://purl.org/dc/elements/1.1/"
xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#" xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#">
  <Work rdf:about="">
    <license rdf:resource="http://creativecommons.org/licenses/by/3.0/" />
  </Work>
  <License rdf:about="http://creativecommons.org/licenses/by/3.0/"><permits
rdf:resource="http://web.resource.org/cc/Reproduction"/><permits
rdf:resource="http://web.resource.org/cc/Distribution"/><requires
rdf:resource="http://web.resource.org/cc/Notice"/><requires
rdf:resource="http://web.resource.org/cc/Attribution"/><permits
rdf:resource="http://web.resource.org/cc/DerivativeWorks"/></License></rdf:RDF>
-->
```

| <a href="..../ToS">Terms of Service</a>

```
</p>
</div>
</div>
<div id="block-block-7" class="block block-block clearfix">
```

```
<div class="content">
  <script src="http://www.google-analytics.com/urchin.js" type="text/javascript">
<!--/--><![CDATA[// ><!--
```

```
//--><!]>
</script><script type="text/javascript">
<!--/--><![CDATA[// ><!--
```

```
_uacct = "UA-3916956-1";
urchinTracker();
```

```
//--><!]>
</script> </div>
</div>
</div>
```

```
</div></div></div></div> <!-- /.left-corner, /.right-corner, /#squeeze, /#center -->
```

```
</div> <!-- /#container -->
</div> <!-- /#wrapper -->
<script type="text/javascript">window.NREUM||(NREUM={});NREUM.info={"beacon":"beacon-
1.newrelic.com","licenseKey":"53c69192ac","applicationID":"224050","transactionName":"b1dRZkQCXEEHAEV
RXFYdZkBFtFtcAgZJfKNNQg==","queueTime":0,"applicationTime":28,"ttGuid":"","agentToken":"","atts":"QxB
SEAwYT08=","errorBeacon":"bam.nr-data.net","agent":"js-agent.newrelic.com\\nr-411.min.js"}</script></body>
```

</html>

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## 1.293 wstx-asl 3.2.7

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<meta http-equiv="Refresh" content="3; URL=docs/index.html">
<title>Xerces Java Parser</title>
</head>
<body>
<h1 align='center'>Xerces Java Parser</h1>
<h2>Redirecting to Documentation...</h2>
<p>
In a few seconds, you should be redirected to the Xerces Java Parser
documentation. If you are not automatically redirected, please click
on the following link:
<blockquote>
<a href='docs/index.html'>Xerces Java Documentation</a>
</blockquote>
</p>
<p>
<strong>Note:</strong>
You must download the binary distribution to get the documentation.
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documentation first.
</p>
</body>
</html>
```

# 1.302 XFire 1.2.6

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## 1.314 xp 1.0

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Initial authors:

Stefan Haustein  
Aleksander Slominski

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yui/assets/dpSyntaxHighlighter.js

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\*/

yui/build/animation/animation-debug.js

yui/build/animation/animation-min.js

yui/build/animation/animation.js

yui/build/utilities/utilities.js

yui/docs/Easing.js.html

/\*!

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yui/build/charts/charts-experimental-debug.js

yui/build/charts/charts-experimental-min.js

yui/build/charts/charts-experimental.js

yui/build/uploader/uploader-experimental-debug.js

yui/build/uploader/uploader-experimental-min.js

yui/build/uploader/uploader-experimental.js

yui/docs/swfobject.js.html

/\*!

\* SWFObject v1.5: Flash Player detection and embed - <http://blog.deconcept.com/swfobject/>

\*

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yui-2.6.0/yui/as-src/charts/com/adobe/serialization/json/JSON.as

yui-2.6.0/yui/as-src/charts/com/adobe/serialization/json/JSONDecoder.as

yui-2.6.0/yui/as-src/charts/com/adobe/serialization/json/JSONEncoder.as

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yui-2.6.0/yui/as-src/charts/com/adobe/serialization/json/JSONToken.as

yui-2.6.0/yui/as-src/charts/com/adobe/serialization/json/JSONTokenType.as

yui-2.6.0/yui/as-src/charts/com/adobe/serialization/json/JSONTokenizer.as

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\*/

==> yui-2.6.0/yui/assets/dpSyntaxHighlighter.js <==

/\*\*

\* Code Syntax Highlighter.

\* Version 1.3.0

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\* <http://www.dreamprojections.com/syntaxhighlighter/>

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==> yui-2.6.0/yui/examples/treeview/assets/js/dpSyntaxHighlighter.js <==

/\*\*

\* Code Syntax Highlighter.

\* Version 1.2.0

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