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2.24 netbase 5.3

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2.25 openssl 1.0.1u :1

2.25.1 Notifications

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2.26 opkg-utils 0.1.8+git0+53274f0875

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2.27 perl 5.20.0

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2.28 resolvconf 1.76 :r0

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2.29 run-postinsts 1.0

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2.30 shadow 4.2.1

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2.31 shadow-securetty 4.2.1 :r3

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2.32 sudo 1.8.11p2

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2.33 sysvinit 2.88dsf :r14

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2.34 sysvinit-inittab 2.88dsf :r10

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1.5 akka-stream_2.11 2.4.2

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1.17 bcprov-jdk15on 1.52

1.18 boost-numeric-bindings 20081116

1.18.1 Available under license :

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1.19 boost1.54 1.54.0-4ubuntu3.1 :4ubuntu3.1

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```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE article PUBLIC "-//Boost//DTD BoostBook XML V1.0//EN"
"http://www.boost.org/tools/boostbook/dtd/boostbook.dtd">
<article id="copyright_test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 $"
xmlns:xi="http://www.w3.org/2001/XInclude">
  <title>Copyright Test</title>
  <articleinfo>
    <copyright>
      <year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder>
    </copyright>
    <copyright>
      <year>2018</year> <holder>Joe Blow, John Coe</holder>
    </copyright>
    <copyright>
      <year>1977</year> <year>1985</year> <holder>Someone else</holder>
    </copyright>
  </articleinfo>
</article>
```

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```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!DOCTYPE article PUBLIC "-//Boost//DTD BoostBook XML V1.0//EN"
```

```
"http://www.boost.org/tools/boostbook/dtd/boostbook.dtd">
```

```
<article id="copyright_test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 $"
```

```
xmlns:xi="http://www.w3.org/2001/XInclude">
```

```
<title>Copyright Test</title>
```

```
<articleinfo>
  <copyright>
    <year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder>
  </copyright>
  <copyright>
    <year>2018</year> <holder>Joe Blow, John Coe</holder>
  </copyright>
  <copyright>
    <year>1977</year> <year>1985</year> <holder>Someone else</holder>
  </copyright>
</articleinfo>
</article>
```

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HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D. Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agg@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).

Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.) This software is a collection of libraries from the Boost.org site. Most of the libraries use the Boost Software License 1.0, which reads as follows.

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has been imported from the Orekit space flight dynamics library.

The Orekit library is described at:

<https://www.orekit.org/forged/projects/orekit>

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That's all there is to it!

/* Jackson JSON-processor.

*

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*

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1.39 distlib 0.1.8 :1ubuntu1

1.39.1 Available under license :

A. HISTORY OF THE SOFTWARE

=====

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

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

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

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

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes

2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
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3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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The Distutils2 project was started by Tarek Ziad and is currently maintained by ric Araujo. Many people have contributed to the project.

distlib has started off using some of the code from distutil2.

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1.54 hk2-utils 2.2.0

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1.60 HttpCore 4.3.2

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1.61 HttpCore 4.0.1 :GA

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1.62 icu 52.1-3 :3

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```
## -*-makefile-*-  
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)  
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```

```

## Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%. $(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%. $(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s/^(.*)\.o[ :]*^1.o $@ :/g\" > $@; \
[ -s $@ ] || rm -f $@'

```



```

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed \"s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'

## Versioned libraries rules

%.${SO}.${SO_TARGET_VERSION_MAJOR}: %.${SO}.${SO_TARGET_VERSION}
$(RM) $@ && ln -s ${<F} $@
%.${SO}: %.${SO}.${SO_TARGET_VERSION_MAJOR}
$(RM) $@ && ln -s ${*F}.${SO}.${SO_TARGET_VERSION} $@

## Bind internal references

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

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

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

## End BSD-specific setup
This package was debianized by Jay Berkenbilt <qjb@debian.org> on
August 5, 2005.

The original source was downloaded from
http://icu-project.org/download/latest\_milestone.html

The main web site for ICU is
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1.63 interact.js 1.2.4

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1.64 jackson-annotations 2.7.1

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1.65 Jackson-core 2.5.3

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1.67 jackson-core-asl 1.9.13

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1.68 jackson-databind 2.7.1

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1.70 jackson-dataformat-yaml 2.5.4

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1.76 jackson-module-scala_2.11 2.4.1

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1.88 jBCrypt 0.4.1

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*/

package org.apache.commons.logging;

/**

* <p>A simple logging interface abstracting logging APIs. In order to be

* instantiated successfully by { @link LogFactory }, classes that implement

* this interface must have a constructor that takes a single String

* parameter representing the "name" of this Log.</p>

*

* <p> The six logging levels used by <code>Log</code> are (in order):

*

* trace (the least serious)

* debug

* info

* warn

* error

* fatal (the most serious)

*

```

* The mapping of these log levels to the concepts used by the underlying
* logging system is implementation dependent.
* The implementation should ensure, though, that this ordering behaves
* as expected.</p>
*
* <p>Performance is often a logging concern.
* By examining the appropriate property,
* a component can avoid expensive operations (producing information
* to be logged).</p>
*
* <p>For example,
* <code><pre>
*   if (log.isDebugEnabled()) {
*     ... do something expensive ...
*     log.debug(theResult);
*   }
* </pre></code>
* </p>
*
* <p>Configuration of the underlying logging system will generally be done
* external to the Logging APIs, through whatever mechanism is supported by
* that system.</p>
*
* <p style="color: #E40; font-weight: bold;">Please note that this interface is identical to that found in JCL
1.1.1.</p>
*
* @author <a href="mailto:sanders@apache.org">Scott Sanders</a>
* @author Rod Waldhoff
* @version $Id: Log.java,v 1.19 2004/06/06 21:16:04 rdonkin Exp $
*/
public interface Log {

    // ----- Logging Properties

    /**
     * <p>Is debug logging currently enabled? </p>
     *
     * <p>Call this method to prevent having to perform expensive operations
     * (for example, <code>String</code> concatenation)
     * when the log level is more than debug. </p>
     */
    public boolean isDebugEnabled();

    /**
     * <p>Is error logging currently enabled? </p>

```

```
*
* <p> Call this method to prevent having to perform expensive operations
* (for example, <code>String</code> concatenation)
* when the log level is more than error. </p>
*/
public boolean isErrorEnabled();
```

```
/**
* <p> Is fatal logging currently enabled? </p>
*
* <p> Call this method to prevent having to perform expensive operations
* (for example, <code>String</code> concatenation)
* when the log level is more than fatal. </p>
*/
public boolean isFatalEnabled();
```

```
/**
* <p> Is info logging currently enabled? </p>
*
* <p> Call this method to prevent having to perform expensive operations
* (for example, <code>String</code> concatenation)
* when the log level is more than info. </p>
*
* @return true if info enabled, false otherwise
*/
public boolean isInfoEnabled();
```

```
/**
* <p> Is trace logging currently enabled? </p>
*
* <p> Call this method to prevent having to perform expensive operations
* (for example, <code>String</code> concatenation)
* when the log level is more than trace. </p>
*
* @return true if trace enabled, false otherwise
*/
public boolean isTraceEnabled();
```

```
/**
* <p> Is warn logging currently enabled? </p>
*
* <p> Call this method to prevent having to perform expensive operations
* (for example, <code>String</code> concatenation)
* when the log level is more than warn. </p>
```

```

*/
public boolean isWarnEnabled();

// ----- Logging Methods

/**
 * <p> Log a message with trace log level. </p>
 *
 * @param message log this message
 */
public void trace(Object message);

/**
 * <p> Log an error with trace log level. </p>
 *
 * @param message log this message
 * @param t log this cause
 */
public void trace(Object message, Throwable t);

/**
 * <p> Log a message with debug log level. </p>
 *
 * @param message log this message
 */
public void debug(Object message);

/**
 * <p> Log an error with debug log level. </p>
 *
 * @param message log this message
 * @param t log this cause
 */
public void debug(Object message, Throwable t);

/**
 * <p> Log a message with info log level. </p>
 *
 * @param message log this message
 */
public void info(Object message);

```

```
/**
 * <p> Log an error with info log level. </p>
 *
 * @param message log this message
 * @param t log this cause
 */
public void info(Object message, Throwable t);
```

```
/**
 * <p> Log a message with warn log level. </p>
 *
 * @param message log this message
 */
public void warn(Object message);
```

```
/**
 * <p> Log an error with warn log level. </p>
 *
 * @param message log this message
 * @param t log this cause
 */
public void warn(Object message, Throwable t);
```

```
/**
 * <p> Log a message with error log level. </p>
 *
 * @param message log this message
 */
public void error(Object message);
```

```
/**
 * <p> Log an error with error log level. </p>
 *
 * @param message log this message
 * @param t log this cause
 */
public void error(Object message, Throwable t);
```

```
/**
 * <p> Log a message with fatal log level. </p>
 *
 * @param message log this message
```



```

*/
public void fatal(Object message);

/**
 * <p> Log an error with fatal log level. </p>
 *
 * @param message log this message
 * @param t log this cause
 */
public void fatal(Object message, Throwable t);

}

```

1.90 jemalloc 4.1.0

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1.91 jersey-common 2.7

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Upstream-Name: jq

Source: <<https://github.com/stedolan/jq>>

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1.131 libpsl 0.7.1

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1.132 libssh 0.6.1 :0ubuntu3.1

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1.133 libyaml 0.1.4-3ubuntu3

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1.134 log4j 1.2.17

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1.135 log4j-over-slf4j 1.7.2

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*/

package org.apache.log4j;

import org.apache.log4j.spi.Filter;

import org.apache.log4j.spi.ErrorHandler;

import org.apache.log4j.spi.Layout;

import org.apache.log4j.spi.LoggingEvent;

/**

* Implement this interface for your own strategies for outputting log

* statements.

*

* @author Ceki Gül;cül;

*/

public interface Appender {

/**

* Add a filter to the end of the filter list.

*

* @since 0.9.0

*/

void addFilter(Filter newFilter);


```

/**
 * Returns the head Filter. The Filters are organized in a linked list
 * and so all Filters on this Appender are available through the result.
 *
 * @return the head Filter or null, if no Filters are present
 * @since 1.1
 */
public Filter getFilter();

/**
 * Clear the list of filters by removing all the filters in it.
 *
 * @since 0.9.0
 */
public void clearFilters();

/**
 * Release any resources allocated within the appender such as file
 * handles, network connections, etc.
 *
 * <p/>
 * <p>It is a programming error to append to a closed appender.
 *
 * @since 0.8.4
 */
public void close();

/**
 * Log in <code>Appender</code> specific way. When appropriate,
 * Loggers will call the <code>doAppend</code> method of appender
 * implementations in order to log.
 */
public void doAppend(LoggingEvent event);

/**
 * Get the name of this appender. The name uniquely identifies the
 * appender.
 */
public String getName();

/**
 * Set the {@link ErrorHandler} for this appender.
 *
 * @since 0.9.0
 */
public void setErrorHandler(ErrorHandler errorHandler);

```

```

/**
 * Returns the { @link ErrorHandler} for this appender.
 *
 * @since 1.1
 */
public ErrorHandler getErrorHandler();

/**
 * Set the { @link Layout} for this appender.
 *
 * @since 0.8.1
 */
public void setLayout(Layout layout);

/**
 * Returns this appenders layout.
 *
 * @since 1.1
 */
public Layout getLayout();

/**
 * Set the name of this appender. The name is used by other
 * components to identify this appender.
 *
 * @since 0.8.1
 */
public void setName(String name);

/**
 * Configurators call this method to determine if the appender
 * requires a layout. If this method returns true,
 * meaning that layout is required, then the configurator will
 * configure an layout using the configuration information at its
 * disposal. If this method returns false, meaning that
 * a layout is not required, then layout configuration will be
 * skipped even if there is available layout configuration
 * information at the disposal of the configurator..
 * <p/>
 * <p>In the rather exceptional case, where the appender
 * implementation admits a layout but can also work without it, then
 * the appender should return true.
 *
 * @since 0.8.4
 */
public boolean requiresLayout();

```

}

1.136 log4j-rolling-appender 20131024-2017

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1.146 murmur3 C-port dae94be

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See Also

- * The original blog post (<http://agentzh.blogspot.com/2009/10/hacking-on-nginx-echo-module.html>) about this module's initial development.
- * The standard [filter module (HttpAdditionModule)].
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1.164 openblas 0.2.8 :6ubuntu1

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Contributions to the OpenBLAS project

Creator & Maintainer

* Zhang Xianyi <traits.zhang@gmail.com>

Active Developers

* Wang Qian <traz0824@gmail.com>

- * Optimize BLAS3 on ICT Loongson 3A.
- * Optimize BLAS3 on Intel Sandy Bridge.

* Zaheer Chothia <zaheer.chothia@gmail.com>

- * Improve the compatibility about complex number
- * Build LAPACK: C interface to LAPACK
- * Improve the windows build.

Previous Developers

* Chen Shaohu <huhumartinwar@gmail.com>

- * Optimize GEMV on the Loongson 3A processor.

* Luo Wen

- * Intern. Test Level-2 BLAS.

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* pipping <<http://page.mi.fu-berlin.de/pipping>>

- * [2011-06-11] Make USE_OPENMP=0 disable openmp.

* Stefan Karpinski <stefan@karpinski.org>

- * [2011-12-28] Fix a bug about SystemStubs on Mac OS X.

* Alexander Eberspcher <<https://github.com/aegerspaecher>>

- * [2012-05-02] Add note on patch for segfaults on Linux kernel 2.6.32.

* Mike Nolta <mike@nolta.net>

- * [2012-05-19] Fix building bug on FreeBSD and NetBSD.

* Sylvestre Ledru <<https://github.com/sylvestre>>

- * [2012-07-01] Improve the detection of sparc. Fix building bug under Hurd and kfreebsd.

* Jameson Nash <<https://github.com/vtjnash>>

- * [2012-08-20] Provide support for passing CFLAGS, FFLAGS, PFLAGS, FPFLAGS to make on the command line.

- * Alexander Nasonov <alnsn@yandex.ru>
- * [2012-11-10] Fix NetBSD build.

- * Sbastien Villemot <sebastien@debian.org>
- * [2012-11-14] Fix compilation with TARGET=GENERIC. Patch applied to Debian package.

- * Werner Saar <wernsaar@googlemail.com>
- * [2013-03-04] Optimize AVX and FMA4 DGEMM on AMD Bulldozer
- * [2013-04-27] Optimize AVX and FMA4 TRSM on AMD Bulldozer
- * [2013-06-09] Optimize AVX and FMA4 SGEMM on AMD Bulldozer
- * [2013-06-11] Optimize AVX and FMA4 ZGEMM on AMD Bulldozer
- * [2013-06-12] Optimize AVX and FMA4 CGEMM on AMD Bulldozer
- * [2013-06-16] Optimize dgemv_n kernel on AMD Bulldozer
- * [2013-06-20] Optimize ddot, daxpy kernel on AMD Bulldozer
- * [2013-06-21] Optimize dcopy kernel on AMD Bulldozer

- * Kang-Che Sung <Explorer09@gmail.com>
- * [2013-05-17] Fix typo in the document. Re-order the architecture list in getarch.c.

- * Kenneth Hoste <kenneth.hoste@gmail.com>
- * [2013-05-22] Adjust Makefile about downloading LAPACK source files.

- * Lei WANG <https://github.com/wlbksy>
- * [2013-05-22] Fix a bug about wget.

- * Dan Luu <http://www.linkedin.com/in/danluu>
- * [2013-06-30] Add Intel Haswell support (using sandybridge optimizations).

- * grisuthedragon <https://github.com/grisuthedragon>
- * [2013-07-11] create openblas_get_parallel to retrieve information which parallelization model is used by OpenBLAS.

- * Sbastien Fabbro <bicatali@gentoo.org>
- * [2013-07-24] Modify makefile to respect user's LDFLAGS
- * [2013-07-24] Add stack markings for GNU as arch-independent for assembler files

- * [Your name or handle] <[email or website]>
- * [Date] [Brief summary of your changes]

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This package was debianized by Sylvestre Ledru <sylvestre@debian.org> on
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It was downloaded from <https://github.com/xianyi/OpenBLAS>

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- ./common_interface.h
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- ./common_level1.h
- ./common_level2.h
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- ./common_linux.h
- ./common_macro.h
- ./common_param.h
- ./common_power.h
- ./common_sparc.h
- ./common_thread.h
- ./common_x86_64.h
- ./common_x86.h
- ./cpuid_alpha.c
- ./cpuid.h
- ./cpuid_ia64.c
- ./cpuid_power.c
- ./cpuid_sparc.c
- ./cpuid_x86.c
- ./driver/level2/gbmv_k.c
- ./driver/level2/gbmv_thread.c
- ./driver/level2/gemv_thread.c
- ./driver/level2/ger_thread.c
- ./driver/level2/sbmv_k.c
- ./driver/level2/sbmv_thread.c
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`./interface/potri.c`
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`./interface/sbmv.c`
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./symcopy.h

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./utest/common_utest.h
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./utest/test_axpy.c
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1.174 persistence-core 2.5.0

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* Contributors:

- * 10/15/2010-2.2 Guy Pelletier
- * - 322008: Improve usability of additional criteria applied to queries at the session/EM

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1.175 persistence-moxy 2.5.0

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* Matt MacIvor - 2.4 - initial implementation

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1.177 postgresql 9.4.9

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1.178 PostgreSQL 9.4.6

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1.179 PostgreSQL JDBC Driver 9.4-1201-jdbc41

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1.180 postgresql-common 177.pgdg14.04+1

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1.181 ptyprocess 0.5.1

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1.182 python-chardet 2.2.1 :4chl1~precise1

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1.183 python-colorama 0.2.5 :0.1ubuntu2

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1.184 python-pip 1.5.4 :1

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1.185 pyyaml 3.10-4build4

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1.186 quartz 2.1.7

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Quartz Scheduler

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1.187 rapidjson 0.11

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1.188 reactive-streams 1.0.0

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1.189 rlite 1.0.91

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rlite

Tiny, [fast](<http://jsperf.com/rlite/2>), light-weight JavaScript routing with zero dependencies.

- Zero dependencies
- No performance drop as you add routes
- Order of route declaration doesn't matter: the most specific route wins
- Roughly 600 bytes minified and gzipped
- Parses query strings

[![Build Status](<https://travis-ci.org/chrisdavies/rlite.svg?branch=master>)](<https://travis-ci.org/chrisdavies/rlite>)

Usage

Rlite does not come with any explicit tie into HTML5 push state or hash-change events, but these are easy enough to tie in based on your needs. Here's an example:

```
var r = Rlite();

// Default route
r.add("", function () {
  document.title = 'Home';
});

// #inbox
r.add('inbox', function () {
  document.title = 'In';
});

// #sent?to=john -> r.params.to will equal 'john'
r.add('sent', function (r) {
  document.title = 'Out ' + r.params.to;
});

// #users/chris -> r.params.name will equal 'chris'
r.add('users/:name', function (r) {
  document.title = 'User ' + r.params.name;
});

// #logout
r.add('logout', function () {
  document.title = 'Logout';
});

// Hash-based routing
function processHash() {
  var hash = location.hash || '#';
  r.run(hash.slice(1));
}

window.addEventListener('hashchange', processHash);
processHash();
```

The previous examples should be relatively self-explanatory. Simple, parameterized routes are supported. Only relative URLs are supported. (So, instead of passing: 'http://example.com/users/1', pass '/users/1').

Routes are not case sensitive, so `^Users/:name` will resolve to ^users/:name``

One other non-obvious thing is this: if there is a query parameter with the same name as a route parameter, it will override the route parameter. So given the following route definition:

```
/users/:name
```

If you pass the following URL:

```
/users/chris?name=joe
```

The value of `params.name` will be 'joe', not 'chris'.

You can also use it as a pattern matcher through `lookup`. It works like the router but instead of calling the registered callback it returns an object with the callback and the matched params.

Browserify

This library is [CommonJS](http://www.commonjs.org/) compatible, so you can use it in this way:

```
```javascript
var Rlite = require('rlite-router'),
 routes = new Rlite();

routes.add("", function () {
 ...
});
```

### ## Handling 404s

Rlite's `run` method returns `true` if the route matched and `false` if it didn't.

So, you could do a 404 like this:

```
if (!r.run(hash.substr(1))) {
 show404Page();
}
```

### ## Checking to see if there is already a handler for a URL

```
```javascript
r.exists('/some/url/here'); // returns true if there is a matching handler
```
```

### ## Multiple Handlers

By default, Rlite doesn't allow more than one handler per route. So, if you were to do this:

```
r.add('hey/:name', function (r) {
 // This will never run because the
 // next registration overwrites this one
});
```

```
r.add('hey/:name', function(r) {
 // This will run. Last one in wins!
});
```

If you want to have multiple handlers for the same route, you can include `plugins/rlite-handlers.min.js`, so your scripts might look like:

```
<script src="rlite.min.js"></script>
<script src="plugins/rlite-handlers.min.js"></scripts>
```

You'd use it like this:

```
var r = Rlite();

function setTitle(r) {
 document.title = r.params.name;
}

function logName(r) {
 console.log(r.params.name);
}

r.add('example/:name', Rlite.handlers(setTitle, logName));
```

## ## Installation

Just download `rlite.min.js`, or use bower:

```
bower install rlite
```

Or use npm:

<https://www.npmjs.com/package/rlite-router>

```
npm install --save rlite-router
```

## ## Contributing

Make your changes (and add tests), then run the tests:

```
npm test
```

If all is well, build your changes:

```
npm run min
```

This minifies `rlite`, and tells you the size. It's currently just under 700 bytes, and I'd like to keep it that way!

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## 1.191 Scala Compiler 2.11.0

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## 1.192 scala-java8-compat\_2.11 0.7.0

### 1.192.1 Available under license :

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head profile="http://www.w3.org/1999/xhtml/vocab">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="viewport" content="width=device-width, initial-scale=1" />
```



```

<link rel="shortcut icon" href="https://opensource.org/files/osi_favicon.png" type="image/png" />
<meta name="HandheldFriendly" content="true" />
<link rel="shortlink" href="/node/568" />
<meta name="Generator" content="Drupal 7 (http://drupal.org)" />
<link rel="canonical" href="/licenses/BSD-3-Clause" />
<meta name="MobileOptimized" content="width" />
<title>The BSD 3-Clause License | Open Source Initiative</title>
<link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_xE-rWrJf-fncB6ztZfd2huxqgxu4WO-qwma6Xer30m4.css" media="all" />
<link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_4p37TiWeuzRfdymI_IPgCuu6wEwSDhUquxUkHLI7QnU.css"
media="all" />
<link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_MnXiyJtb186Ydycnpwpw34cuUsHaKc80ey5LiQXhSY.css"
media="all" />
<link type="text/css" rel="stylesheet" href="//maxcdn.bootstrapcdn.com/bootstrap/3.2.0/css/bootstrap.min.css"
media="all" />
<link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_KGZcOm3i1wmtbgZsjo-3V9FM4wZ-5UDcpJ7Vfzmt45E.css" media="all" />
<link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_G9cu63kkDQ56GYuF3QrqJxma5HT-bUVZckUWKUzFCF4.css"
media="all" />

<!--[if (lt IE 9)]>
<link type="text/css" rel="stylesheet" href="https://opensource.org/sites/all/themes/bootstrap-business/css/ie8.css?o11dsc" media="all" />
<![endif]-->

<!-- HTML5 element support for IE6-8 -->
<!--[if lt IE 9]>
<script src="//html5shiv.googlecode.com/svn/trunk/html5.js"></script>
<![endif]-->
<script type="text/javascript" src="//code.jquery.com/jquery-1.10.2.min.js"></script>
<script type="text/javascript">
<!--/--><![CDATA[//><!--
window.jQuery || document.write("<script
src='/sites/all/modules/jquery_update/replace/jquery/1.10/jquery.min.js'>\x3C/script">)
//--><![>
</script>
<script type="text/javascript" src="https://opensource.org/files/js/js_3TykeRWpejhD4-J3vdlaNXdULg9xhOZhsppK0o2bUs.js"></script>
<script type="text/javascript" src="//maxcdn.bootstrapcdn.com/bootstrap/3.2.0/js/bootstrap.min.js"></script>
<script type="text/javascript">
<!--/--><![CDATA[//><!--
jQuery(document).ready(function($) {
$(window).scroll(function() {
if($(this).scrollTop() != 0) {

```

```

 $("#toTop").fadeIn();
 } else {
 $("#toTop").fadeOut();
 }
});

$("#toTop").click(function() {
 $("body,html").animate({scrollTop:0},800);
});

});
//--><![]]>
</script>
<script type="text/javascript"
src="https://opensource.org/files/js/js_ruOYJN6FkJU2O5L1dAKVnDloSn5R6LjnLW88zFxS1Uw.js"></script>
<script type="text/javascript" src="https://opensource.org/files/js/js_JQHTvV_SkyFIN3f2BnQwnusF-
eI6tkX8wrKAK2siiZU.js"></script>
<script type="text/javascript">
<!--/--><![CDATA[//><!--
jQuery.extend(Drupal.settings,
{ "basePath":"\/","pathPrefix":"","ajaxPageState":{"theme":"bootstrap_business","theme_token":"9iUxszn6HBp6U
O6lCi31ws2qt6e18RlXWA1XmosW9i0"},"js":{"\/code.jquery.com\/jquery-
1.10.2.min.js":1,"0":1,"misc\/jquery.once.js":1,"misc\/drupal.js":1,"\/maxcdn.bootstrapcdn.com\/bootstrap\/3.2.0\/js
\/bootstrap.min.js":1,"1":1,"sites\/all\/libraries\/superfish\/jquery.hoverIntent.minified.js":1,"sites\/all\/libraries\/supe
rfish\/sftouchscreen.js":1,"sites\/all\/libraries\/superfish\/sfsmallscreen.js":1,"sites\/all\/libraries\/superfish\/suppositi
on.js":1,"sites\/all\/libraries\/superfish\/superfish.js":1,"sites\/all\/libraries\/superfish\/supersubs.js":1,"sites\/all\/mod
ules\/superfish\/superfish.js":1,"sites\/all\/themes\/bootstrap-
business\/js\/jquery.browser.min.js":1},"css":{"modules\/system\/system.base.css":1,"modules\/system\/system.men
us.css":1,"modules\/system\/system.messages.css":1,"modules\/system\/system.theme.css":1,"modules\/aggregator\/
aggregator.css":1,"modules\/comment\/comment.css":1,"modules\/field\/theme\/field.css":1,"sites\/all\/modules\/mol
lom\/mollom.css":1,"modules\/node\/node.css":1,"modules\/search\/search.css":1,"modules\/user\/user.css":1,"sites\/
all\/modules\/views\/css\/views.css":1,"sites\/all\/modules\/ctools\/css\/ctools.css":1,"\/maxcdn.bootstrapcdn.com\/
bootstrap\/3.2.0\/css\/bootstrap.min.css":1,"sites\/all\/libraries\/superfish\/css\/superfish.css":1,"sites\/all\/themes\/bo
otstrap-business\/css\/style.css":1,"sites\/all\/themes\/bootstrap-
business\/color\/colors.css":1,"sites\/all\/themes\/bootstrap-business\/css\/local.css":1,"sites\/all\/themes\/bootstrap-
business\/css\/ie8.css":1}}, "urlIsAjaxTrusted":{"\/licenses\/BSD-3-
Clause":true},"superfish":{"1":{"id":"1","sf":{"animation":{"opacity":"show","height":"show"},"speed":"\u0027fast
\u0027","autoArrows":false,"dropShadows":true,"disableHI":false},"plugins":{"touchscreen":{"mode":"window_wi
dth"},"smallscreen":{"mode":"window_width"},"addSelected":false,"menuClasses":false,"hyperlinkClasses":false,"ti
tle":"Navigation"},"supposition":true,"bgiframe":false,"supersubs":{"minWidth":"12","maxWidth":"27","extraWid
th":1}}}}});
//--><![]]>
</script>
</head>
<body class="html not-front not-logged-in no-sidebars page-node page-node- page-node-568 node-type-page" >
<div id="skip-link">
 Skip to main content
</div>

```

```

<div id="toTop"></div>

<!-- #header-top -->
<div id="header-top" class="clearfix">
 <div class="container">

 <!-- #header-top-inside -->
 <div id="header-top-inside" class="clearfix">
 <div class="row">

 <div class="col-md-8">
 <!-- #header-top-left -->
 <div id="header-top-left" class="clearfix">
 <div class="region region-header-top-left">
 <div id="block-menu-secondary-menu" class="block block-menu clearfix">

 <div class="content">
 <ul class="menu"><li class="first leaf">Home
 <li class="leaf">From the Board
 <li class="leaf">Contact
 <li class="last leaf">Donate
 </div>
 </div>
 </div>
 </div>
 </div>
 </div>
 </div>
 </div>
 <!-- EOF:#header-top-left -->
</div>

 <div class="col-md-4">
 <!-- #header-top-right -->
 <div id="header-top-right" class="clearfix">
 <div class="region region-header-top-right">
 <div id="block-search-form" class="block block-search clearfix">

 <div class="content">
 <form action="/licenses/BSD-3-Clause" method="post" id="search-block-form" accept-charset="UTF-8"><div><div class="container-inline">
 <h2 class="element-invisible">Search form</h2>
 <div class="form-item form-type-textfield form-item-search-block-form">
 <input onblur="if (this.value == '') {this.value = 'Search this website...';}" onfocus="if (this.value == 'Search this website...') {this.value = '';}" type="text" id="edit-search-block-form--2" name="search_block_form" value="Search this website..." size="15" maxlength="128" class="form-text" />
 </div>
 </div>
 </div>
 </div>
 </div>
 </div>
 </div>
</div>

```

```

<div class="form-actions form-wrapper" id="edit-actions"><input value="" type="submit" id="edit-submit"
name="op" class="form-submit" /></div><input type="hidden" name="form_build_id" value="form-
f_aEqfQexu_d_gBrHZFJWouFaIjhzGD-QxbIIFIxezY" />
<input type="hidden" name="form_id" value="search_block_form" />
</div>
</div></form> </div>
</div>
</div>
 </div>
 <!-- EOF:#header-top-right -->
 </div>

 </div>
 </div>
 <!-- EOF: #header-top-inside -->

</div>
</div>
<!-- EOF: #header-top -->

<!-- header -->
<header id="header" role="banner" class="clearfix">
 <div class="container">

 <!-- #header-inside -->
 <div id="header-inside" class="clearfix">
 <div class="row">
 <div class="col-md-8">

 <div id="logo">

 </div>

 <div id="site-name">
 Open Source Initiative
 </div>

 </div>

 <div class="col-md-4">

 </div>
 </div>
 </div>
 </div>
 </div>
<!-- EOF: #header-inside -->

```

```

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

<!-- #main-navigation -->
<div id="main-navigation" class="clearfix">
 <div class="container">

 <!-- #main-navigation-inside -->
 <div id="main-navigation-inside" class="clearfix">
 <div class="row">
 <div class="col-md-12">
 <nav role="navigation">
 <div class="region region-navigation">
<div id="block-superfish-1" class="block block-superfish clearfix">

<div class="content">
 <ul id="superfish-1" class="menu sf-menu sf-navigation sf-horizontal sf-style-none sf-total-items-6 sf-parent-
items-6 sf-single-items-0"><li id="menu-37-1" class="first odd sf-item-1 sf-depth-1 sf-total-children-4 sf-parent-
children-2 sf-single-children-2 menuparent"><a href="/about" title="About the Open Source Initiative" class="sf-
depth-1 menuparent">About<li id="menu-75-1" class="first odd sf-item-1 sf-depth-2 sf-no-children">History<li id="menu-82-1" class="middle
even sf-item-2 sf-depth-2 sf-total-children-7 sf-parent-children-0 sf-single-children-7 menuparent">Board<li id="menu-83-1"
class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/docs/board-annotated" title="OSI Board -- With
Annotations" class="sf-depth-3">Board - Annotated<li id="menu-96-1" class="middle even sf-item-2 sf-
depth-3 sf-no-children"><a href="/minutes" title="Public Minutes of Board Meetings" class="sf-depth-
3">Minutes<li id="menu-185-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children"><a
href="/organization" title="These portfolios represent the activities of the current OSI board." class="sf-depth-
3">Organization & Operations<li id="menu-95-1" class="middle even sf-item-4 sf-depth-3 sf-no-
children">Articles of
Incorporation<li id="menu-1475-1" class="middle odd sf-item-5 sf-depth-3 sf-no-children">Board Elections<li id="menu-84-1" class="middle even sf-item-6 sf-
depth-3 sf-no-children"><a href="/bylaws" title="Bylaws of the Open Source Initiative" class="sf-depth-
3">Bylaws<li id="menu-1317-1" class="last odd sf-item-7 sf-depth-3 sf-no-children">Conflict of Interest<li id="menu-
1843-1" class="middle odd sf-item-3 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2
menuparent">Trademark & Logo<li
id="menu-184-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/trademark-guidelines"
title="OSI's Trademark Policy" class="sf-depth-3">Trademark Guidelines<li id="menu-183-1"
class="last even sf-item-2 sf-depth-3 sf-no-children"><a href="/logo-usage-guidelines" title="Guidelines for
appearance and usage of OSI Logo" class="sf-depth-3">Logo Guidelines<li id="menu-126-1"
class="last even sf-item-4 sf-depth-2 sf-no-children"><a href="/ToS" title="Rules for posting content on this site"
class="sf-depth-2">Terms of Service<li id="menu-65-1" class="middle even sf-item-2 sf-depth-
1 sf-total-children-5 sf-parent-children-3 sf-single-children-2 menuparent"><a href="/licenses" class="sf-depth-1
menuparent">Licenses & Standards<li id="menu-61-1" class="first odd sf-item-1 sf-depth-2 sf-total-

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children-1 sf-parent-children-0 sf-single-children-1 menuparent"><a href="/osd" title="The actual OSD defining what constitutes an Open Source licence" class="sf-depth-2 menuparent">Open Source Definition</a><ul><li id="menu-62-1" class="firstandlast odd sf-item-1 sf-depth-3 sf-no-children"><a href="/osd-annotated" title="The OSD with explanations and rationale interspersed." class="sf-depth-3">OSD - Annotated</a></li></ul></li><li id="menu-77-1" class="middle even sf-item-2 sf-depth-2 sf-no-children"><a href="/licenses/category" title="Licenses by Category" class="sf-depth-2">Licenses by Category</a></li><li id="menu-72-1" class="middle odd sf-item-3 sf-depth-2 sf-no-children"><a href="/licenses/alphabetical" title="Licenses that are approved by the OSI as conforming to the OSD" class="sf-depth-2">Licenses by Name</a></li><li id="menu-66-1" class="middle even sf-item-4 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent"><a href="/approval" title="Certifying licences as OSD-compliant" class="sf-depth-2 menuparent">License Review Process</a><ul><li id="menu-67-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/proliferation" title="Supporting choice while maintaining sanity" class="sf-depth-3">Licence Proliferation</a></li><li id="menu-69-1" class="last even sf-item-2 sf-depth-3 sf-no-children"><a href="/proliferation-report" title="License Proliferation Committee's report to the OSI Board" class="sf-depth-3">LP report to the Board</a></li></ul></li><li id="menu-99-1" class="last odd sf-item-5 sf-depth-2 sf-total-children-4 sf-parent-children-0 sf-single-children-4 menuparent"><a href="/osr-intro" title="Open Standards Requirement for Software" class="sf-depth-2 menuparent">Open Standards</a><ul><li id="menu-101-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/osr" title="An "open standard" must not prohibit conforming implementations in open source software." class="sf-depth-3">The Open Standards Requirement</a></li><li id="menu-102-1" class="middle even sf-item-2 sf-depth-3 sf-no-children"><a href="/osr-compliance" class="sf-depth-3">Open Standards Requirement Compliance</a></li><li id="menu-100-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children"><a href="/osr-rationale" class="sf-depth-3">Open Standards Requirement Rationale</a></li><li id="menu-103-1" class="last even sf-item-4 sf-depth-3 sf-no-children"><a href="/osr-faq" title="Frequently asked questions about the Open Standards Requirement" class="sf-depth-3">OSR Frequently Asked Questions</a></li></ul></li><li id="menu-1842-1" class="middle odd sf-item-3 sf-depth-1 sf-total-children-3 sf-parent-children-2 sf-single-children-1 menuparent"><a href="/membership" title="Page for our various membership programs" class="sf-depth-1 menuparent">Membership</a><ul><li id="menu-914-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-1 sf-parent-children-0 sf-single-children-1 menuparent"><a href="/members" class="sf-depth-2 menuparent">Individuals</a><ul><li id="menu-897-1" class="firstandlast odd sf-item-1 sf-depth-3 sf-no-children"><a href="/civicrm/contribute/transact?reset=1&id=1" title="" class="sf-depth-3">Join</a></li></ul></li><li id="menu-675-1" class="middle even sf-item-2 sf-depth-2 sf-total-children-3 sf-parent-children-0 sf-single-children-3 menuparent"><a href="/affiliates" title="Home page for OSI's membership scheme for non-profits and not-for-profits" class="sf-depth-2 menuparent">Affiliates</a><ul><li id="menu-676-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/affiliates/about" title="" class="sf-depth-3">Become an Affiliate</a></li><li id="menu-677-1" class="middle even sf-item-2 sf-depth-3 sf-no-children"><a href="/affiliates/list" title="Full list of non-profits and not-for-profits affiliated to OSI" class="sf-depth-3">List of Affiliates</a></li><li id="menu-2071-1" class="last odd sf-item-3 sf-depth-3 sf-no-children"><a href="/AffiliateRequirements" class="sf-depth-3">Affiliate Criteria</a></li></ul></li><li id="menu-1436-1" class="last odd sf-item-3 sf-depth-2 sf-no-children"><a href="/sponsors" class="sf-depth-2">Sponsors & Support</a></li></ul></li><li id="menu-1841-1" class="middle even sf-item-4 sf-depth-1 sf-total-children-4 sf-parent-children-1 sf-single-children-3 menuparent"><a href="/community" title="Page for our various community members." class="sf-depth-1 menuparent">Community</a><ul><li id="menu-63-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent"><a href="/lists" title="The virtual committees where the OSI's work gets done" class="sf-depth-2 menuparent">Mailing lists</a><ul><li id="menu-78-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/codeofconduct" title="Guidelines for OSI Mailing Lists" class="sf-depth-3">General Code of Conduct</a></li><li id="menu-1072-1" class="last even sf-item-2 sf-depth-3 sf-no-children"><a href="/codeofconduct/licensing" class="sf-depth-3">Licensing Code of Conduct</a></li></ul></li><li id="menu-2032-1" class="middle even sf-item-2 sf-depth-2 sf-no-children"><a

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href="/volunteers" class="sf-depth-2">Volunteers<li id="menu-1846-1" class="middle odd sf-item-3 sf-
depth-2 sf-no-children">Wiki<li
id="menu-1524-1" class="last even sf-item-4 sf-depth-2 sf-no-children"><a href="/store" title="" class="sf-depth-
2">OSI Store<li id="menu-1840-1" class="middle odd sf-item-5 sf-depth-1 sf-total-children-6
sf-parent-children-1 sf-single-children-5 menuparent"><a href="/resources" title="Page offering resources to OSI
personas" class="sf-depth-1 menuparent">Resources<li id="menu-342-1" class="first odd sf-item-1 sf-
depth-2 sf-no-children"><a href="/faq" title="Frequently Asked Questions about open source and about the OSI."
class="sf-depth-2">FAQ<li id="menu-38-1" class="middle even sf-item-2 sf-depth-2 sf-no-children">OSI Board
Blog<li id="menu-45-1" class="middle odd sf-item-3 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-
single-children-2 menuparent"><a href="/help" title="Resources for questions and further exploration" class="sf-
depth-2 menuparent">Getting Help<li id="menu-76-1" class="first odd sf-item-1 sf-depth-3 sf-no-
children"><a href="/links" title="Links and References to Open Source" class="sf-depth-
3">Bibliography<li id="menu-125-1" class="last even sf-item-2 sf-depth-3 sf-no-children"><a
href="/advocacy/case_for_business.php" title="How to advocate Open Source to businesses" class="sf-depth-
3">Open Source Case for Business<li id="menu-1845-1" class="middle even sf-item-4 sf-
depth-2 sf-no-children"><a href="/newsletters" title="Index of newsletters" class="sf-depth-
2">Newsletters<li id="menu-1514-1" class="middle odd sf-item-5 sf-depth-2 sf-no-children">Working Groups<li id="menu-12-1" class="last even sf-item-
6 sf-depth-2 sf-no-children"><a href="/osi-open-source-education" title="OSI's Open Source Education
Initiative and Activities" class="sf-depth-2">Open Source Education<li id="menu-1844-1"
class="last even sf-item-6 sf-depth-1 sf-total-children-1 sf-parent-children-0 sf-single-children-1 menuparent">News &
Events<li id="menu-1999-1" class="firstandlast odd sf-item-1 sf-depth-2 sf-no-children">Events </div>
</div>
</div>
</nav>
</div>
</div>
</div>
<!-- EOF: #main-navigation-inside -->

</div>
</div>
<!-- EOF: #main-navigation -->

<!-- #page -->
<div id="page" class="clearfix">

<!-- #main-content -->
<div id="main-content">
<div class="container">

<!-- #messages-console -->
<!-- EOF: #messages-console -->

```

```

<div class="row">

<section class="col-md-12">

 <!-- #main -->
 <div id="main" class="clearfix">

 <!-- EOF:#content-wrapper -->
 <div id="content-wrapper">

 <h1 class="page-title">The BSD 3-Clause License</h1>

 <!-- #tabs -->
 <div class="tabs">
 </div>
 <!-- EOF: #tabs -->

 <!-- #action links -->
 <!-- EOF: #action links -->

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

<div class="content">
 <article id="node-568" class="node node-page clearfix">

<div class="content">
 <div class="field field-name-body field-type-text-with-summary field-label-hidden"><div class="field-
items"><div class="field-item even"><div align="right">
 <button onclick="myFunction()">Further resources on The BSD 3-Clause License</button>

<p id="demo"></p>

<script>
<!--//--><![CDATA[// ><!--

function myFunction() {
 var x;
 if (confirm("Disclaimer: While the OSI acknowledges these as potentially helpful resources for the community, it
does not endorse any content, contributors or license interpretations from these websites. Any links to these

```



resources across opensource.org are solely for navigational purposes. The OSI does not promote or exclusively favor any of the mentioned resources, but instead provides them as separate third-party resource to help inform your opinion. Any content from or links to these resources are separate from the OSI, exist for purely informational purposes and creates no attorney-client relationship between you, the OSI or the resources. If you have questions about how licenses apply to you or your organization, you should seek legal advice. ") == true) {

```
x = "
<p>The following are other community resources that may be helpful:

The BSD 3-Clause License on TLDRLegal
GNU License List
Wikipedia License List
OSSWatch License Diff
Choosealicense";
} else {
 x = " ";
}
document.getElementById("demo").innerHTML = x;
}
```

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

<blockquote>

<p>The following is a BSD 3-Clause ("BSD New" or "BSD Simplified") license template. To generate your own license, change the values of OWNER, ORGANIZATION and YEAR from their original values as given here, and substitute your own.</p>

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</div></div></div> </div>

</article> </div>

</div>

</div>

</div>

<!-- EOF:#content-wrapper -->

</div>

<!-- EOF:#main -->

</section>

```

 </div>

 </div>
 </div>
 <!-- EOF:#main-content -->

</div>
<!-- EOF:#page -->

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

 <!-- #subfooter-inside -->
 <div id="subfooter-inside" class="clearfix">
 <div class="row">
 <div class="col-md-12">
 <!-- #subfooter-left -->
 <div class="subfooter-area">

 <div class="region region-footer">
 <div id="block-block-11" class="block block-block clearfix">

<div class="content">
 <div class="filler" style="vertical-align: middle; display: inline-block;">
<p style="margin: 0pt auto; display: table-cell; text-align: center; vertical-align: middle;">
<a href="https://twitter.com/OpenSourceOrg" style="margin: 0pt auto; display: table-cell; text-align: center;
vertical-align: middle;">

<a href="https://plus.google.com/+opensourceinitiative" style="margin: 0pt auto; display: table-cell; text-align:
center; vertical-align: middle;">

<a href="https://www.linkedin.com/company/open-source-initiative-osi-" style="margin: 0pt auto; display: table-
cell; text-align: center; vertical-align: middle;">

<a href="http://wiki.opensource.org" style="margin: 0pt auto; display: table-cell; text-align: center; vertical-align:
middle;">

<a href="http://creativecommons.org/licenses/by/4.0/" style="margin: 0pt auto; display: table-cell; text-align:
center; vertical-align: middle;">

```

```
<script id="fbwiuwz">
<!--><![CDATA[><!--
(function(i){var
f,s=document.getElementById(i);f=document.createElement('iframe');f.src="//api.flattr.com/button/view/?uid=osi&u
rl=http%3A%2F%2Fopensource.org';f.title='Flattr';f.height=70;f.width=70;f.style.borderWidth=0;s.parentNode.inse
rtBefore(f,s;)}('fbwiuwz');
--><![>
</script></p>
</div>
```

```

<div class="license" style="vertical-align: middle; display: inline-block;">
<p>
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.
</p>
<p>
Terms of Service
</p>
</div>
</div>
</div>
<div id="block-block-7" class="block block-block clearfix">
```

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

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

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

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

```
</div>
<!-- EOF: #subfooter-left -->
</div>
</div>
</div>
<!-- EOF: #subfooter-inside -->
```

```
</div>
</footer>
<!-- EOF:#subfooter -->
</body>
</html>
```

# 1.193 scala-logging\_2.11 3.1.0

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## 1.195 scala-reflect\_2.11 2.11.7

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## 1.196 scala-xml\_2.11 1.0.3

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## 1.200 select2 3.5.2

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## 1.202 slf4j-api 1.7.7

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 */
package org.slf4j;
```

```

import org.slf4j.helpers.BasicMarkerFactory;
import org.slf4j.helpers.Util;
import org.slf4j.impl.StaticMarkerBinder;

/**
 * MarkerFactory is a utility class producing { @link Marker } instances as
 * appropriate for the logging system currently in use.
 *
 * <p>
 * This class is essentially implemented as a wrapper around an
 * { @link IMarkerFactory } instance bound at compile time.
 *
 * <p>
 * Please note that all methods in this class are static.
 *
 * @author Ceki Gülcü
 */
public class MarkerFactory {
 static IMarkerFactory markerFactory;

 private MarkerFactory() {
 }

 static {
 try {
 markerFactory = StaticMarkerBinder.SINGLETON.getMarkerFactory();
 } catch (NoClassDefFoundError e) {
 markerFactory = new BasicMarkerFactory();
 } catch (Exception e) {
 // we should never get here
 Util.report("Unexpected failure while binding MarkerFactory", e);
 }
 }

 /**
 * Return a Marker instance as specified by the name parameter using the
 * previously bound { @link IMarkerFactory } instance.
 *
 * @param name
 * The name of the { @link Marker } object to return.
 * @return marker
 */
 public static Marker getMarker(String name) {
 return markerFactory.getMarker(name);
 }
}

/**

```

```

* Create a marker which is detached (even at birth) from the MarkerFactory.
*
* @param name the name of the marker
* @return a dangling marker
* @since 1.5.1
*/
public static Marker getDetachedMarker(String name) {
 return markerFactory.getDetachedMarker(name);
}

/**
* Return the {@link IMarkerFactory} instance in use.
*
* <p>The IMarkerFactory instance is usually bound with this class at
* compile time.
*
* @return the IMarkerFactory instance in use
*/
public static IMarkerFactory getIMarkerFactory() {
 return markerFactory;
}
}

```

## 1.203 slf4j-api 1.7.16

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```

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```
cat snakeyaml-1.12-sources/org/yaml/snakeyaml/external/biz/base64Coder/Base64Coder.java
```

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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.
#
In 1995, Guido continued his work on Python at the Corporation for
```

# National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>)  
# in Reston, Virginia where he released several versions of the  
# software.  
#  
# In May 2000, Guido and the Python core development team moved to  
# BeOpen.com to form the BeOpen PythonLabs team. In October of the same  
# year, the PythonLabs team moved to Digital Creations (now Zope  
# Corporation, see <http://www.zope.com>). In 2001, the Python Software  
# Foundation (PSF, see <http://www.python.org/psf/>) was formed, a  
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| # Release from   | Derived   | Year      | Owner      | GPL-compatible? (1) |
|------------------|-----------|-----------|------------|---------------------|
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| # 1.3 thru 1.5.2 | 1.2       | 1995-1999 | CNRI       | yes                 |
| # 1.6            | 1.5.2     | 2000      | CNRI       | no                  |
| # 2.0            | 1.6       | 2000      | BeOpen.com | no                  |
| # 1.6.1          | 1.6       | 2001      | CNRI       | yes (2)             |
| # 2.1            | 2.0+1.6.1 | 2001      | PSF        | no                  |
| # 2.0.1          | 2.0+1.6.1 | 2001      | PSF        | yes                 |
| # 2.1.1          | 2.1+2.0.1 | 2001      | PSF        | yes                 |
| # 2.2            | 2.1.1     | 2001      | PSF        | yes                 |
| # 2.1.2          | 2.1.1     | 2002      | PSF        | yes                 |
| # 2.1.3          | 2.1.2     | 2002      | PSF        | yes                 |
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| # 2.3            | 2.2.2     | 2002-2003 | PSF        | yes                 |
| # 2.3.1          | 2.3       | 2002-2003 | PSF        | yes                 |
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| # 2.3.3          | 2.3.2     | 2002-2003 | PSF        | yes                 |
| # 2.3.4          | 2.3.3     | 2004      | PSF        | yes                 |
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| # 2.4.3          | 2.4.2     | 2006      | PSF        | yes                 |
| # 2.4.4          | 2.4.3     | 2006      | PSF        | yes                 |
| # 2.5            | 2.4       | 2006      | PSF        | yes                 |
| # 2.5.1          | 2.5       | 2007      | PSF        | yes                 |

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2.5.2 2.5.1 2008 PSF yes
2.5.3 2.5.2 2008 PSF yes
2.6 2.5 2008 PSF yes
2.6.1 2.6 2008 PSF yes
2.6.2 2.6.1 2009 PSF yes
2.6.3 2.6.2 2009 PSF yes
2.6.4 2.6.3 2009 PSF yes
2.6.5 2.6.4 2010 PSF yes
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Other contributors include:

- \* Jon Hartlaub (first versions of streaming reader/writer; unit tests)
- \* Cedrik Lime: parallel LZF implementation

Various community members have contributed bug reports, and suggested minor  
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# Jackson JSON processor

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Library has been written by Tatu Saloranta ([tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi)).  
It was started at Ning, inc., as an official Open Source process used by  
platform backend, but after initial versions has been developed outside of  
Ning by supporting community.

Other contributors include:

- \* Jon Hartlaub (first versions of streaming reader/writer; unit tests)
- \* Cedrik Lime: parallel LZF implementation

Various community members have contributed bug reports, and suggested minor  
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---

```
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```

```
#
```

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```

```
#
```

```
acquire_rat_jar () {
```

```
 URL="http://repo1.maven.org/maven2/org/apache/rat/apache-rat/${RAT_VERSION}/apache-rat-
 ${RAT_VERSION}.jar"
```

```
 JAR="$rat_jar"
```

```
 # Download rat launch jar if it hasn't been downloaded yet
```



```

if [! -f "$JAR"]; then
 # Download
 printf "Attempting to fetch rat\n"
 JAR_DL="${JAR}.part"
 if [$(command -v curl)]; then
 curl -L --silent "${URL}" > "$JAR_DL" && mv "$JAR_DL" "$JAR"
 elif [$(command -v wget)]; then
 wget --quiet ${URL} -O "$JAR_DL" && mv "$JAR_DL" "$JAR"
 else
 printf "You do not have curl or wget installed, please install rat manually.\n"
 exit -1
 fi
fi

unzip -tq "$JAR" &> /dev/null
if [$? -ne 0]; then
 # We failed to download
 rm "$JAR"
 printf "Our attempt to download rat locally to ${JAR} failed. Please install rat manually.\n"
 exit -1
fi
}

Go to the Spark project root directory
FWDIR=$(cd "`dirname "$0"`/..; pwd)
cd "$FWDIR"

if test -x "$JAVA_HOME/bin/java"; then
 declare java_cmd="$JAVA_HOME/bin/java"
else
 declare java_cmd=java
fi

export RAT_VERSION=0.10
export rat_jar="$FWDIR"/lib/apache-rat-${RAT_VERSION}.jar
mkdir -p "$FWDIR"/lib

[[-f "$rat_jar"]] || acquire_rat_jar || {
 echo "Download failed. Obtain the rat jar manually and place it at $rat_jar"
 exit 1
}

$java_cmd -jar "$rat_jar" -E "$FWDIR"/.rat-excludes -d "$FWDIR" > rat-results.txt

if [$? -ne 0]; then
 echo "RAT exited abnormally"
 exit 1
fi

```

```
ERRORS="$(cat rat-results.txt | grep -e "??")"
```

```
if test ! -z "$ERRORS"; then
 echo "Could not find Apache license headers in the following files:"
 echo "$ERRORS"
 exit 1
else
 echo -e "RAT checks passed."
fi
```

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## 1.235 spray-util\_2.11 1.3.3

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## 1.240 stax2-api 3.1.1

### 1.240.1 Available under license :

/\* Woodstox XML processor

\*

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\*/

package org.codehaus.stax2.ri;

```

import java.util.NoSuchElementException;

import javax.xml.stream.*;
import javax.xml.stream.events.*;
import javax.xml.stream.util.XMLEventAllocator;

import org.codehaus.stax2.XMLEventReader2;
import org.codehaus.stax2.XMLStreamReader2;

/**
 * Almost complete implementation of { @link XMLEventReader2}, built on top of
 * a generic { @link XMLStreamReader} implementation (using aggregation).
 * Designed to be used by concrete Stax2 implementations to provide
 * full Event API implementation with minimal effort.
 * <p>
 * Since there is not much to optimize at this
 * level (API and underlying stream reader pretty much define functionality
 * and optimizations that can be done), implementation is fairly straight
 * forward, with not many surprises.
 * <p>
 * Implementation notes: the trickiest things to implement are:
 *
 * Peek() functionality! Geez, why did that have to be part of StAX
 * specs???!
 *
 * Adding START_DOCUMENT event that cursor API does not return
 * explicitly.
 *
 *
 */
public abstract class Stax2EventReaderImpl
 implements XMLEventReader2,
 XMLStreamConstants
{
 // // // Enumerated state ids

 protected final static int STATE_INITIAL = 1;
 protected final static int STATE_END_OF_INPUT = 2;
 protected final static int STATE_CONTENT = 3;

 // // // Enumerated error case ids

 /**
 * Current state when getElementText() called not START_ELEMENT
 */
 protected final static int ERR_GETELEMENTTEXT_NOT_START_ELEM = 1;

```

```

/**
 * Encountered non-textual event (other than closing END_ELEMENT)
 * when collecting text for getElementText()
 */
protected final static int ERR_GETELEMTEXT_NON_TEXT_EVENT = 2;

/**
 * Encountered CHARACTERS or CDATA that contains non-white space
 * char(s), when trying to locate tag with nextTag()
 */
protected final static int ERR_NEXTTAG_NON_WS_TEXT = 3;

/**
 * Encountered non-skippable non-text/element event with
 * nextTag()
 */
protected final static int ERR_NEXTTAG_WRONG_TYPE = 4;

/*
 //
 // Configuration
 //
 */

protected final XMLEventAllocator mAllocator;

protected final XMLStreamReader2 mReader;

/*
 //
 // State
 //
 */

/**
 * Event that has been peeked, ie. loaded without call to
 * {@link #nextEvent}; will be returned and cleared by
 * call to {@link #nextEvent} (or, returned again if peeked
 * again)
 */
private XMLEvent mPeekedEvent = null;

/**
 * High-level state indicator, with currently three values:
 * whether we are initializing (need to synthesize START_DOCUMENT),
 * at END_OF_INPUT (end-of-doc), or otherwise, normal operation.
 * Useful in simplifying some methods, as well as to make sure
 * that independent of how stream reader handles things, event reader

```

```

* can reliably detect End-Of-Document.
*/
protected int mState = STATE_INITIAL;

/**
 * This variable keeps track of the type of the 'previous' event
 * when peeking for the next Event. It is needed for some functionality,
 * to remember state even when underlying parser has to move to peek
 * the next event.
 */
protected int mPrePeekEvent = START_DOCUMENT;

/*
 //
 // Construction
 //
 */

protected Stax2EventReaderImpl(XMLEventAllocator a, XMLStreamReader2 r)
{
 mAllocator = a;
 mReader = r;
}

/*
 //
 // Abstract methods sub-classes have to implement
 //
 */

public abstract boolean isPropertySupported(String name);

public abstract boolean setProperty(String name, Object value);

/**
 * Method called upon encountering a problem that should result
 * in an exception being thrown. If non-null String is returned.
 * that will be used as the message of exception thrown; if null,
 * a standard message will be used instead.
 *
 * @param errorType Type of the problem, one of <code>ERR_</code>
 * constants
 * @param eventType Type of the event that triggered the problem,
 * if any; -1 if not available.
 */
protected abstract String getErrorDesc(int errorType, int eventType);

/*

```



```

////////////////////////////////////
// XMLEventReader API
////////////////////////////////////
*/

public void close()
 throws XMLStreamException
{
 mReader.close();
}

public String getElementText()
 throws XMLStreamException
{
 /* Simple, if no peeking occurred: can just forward this to the
 * underlying parser
 */
 if (mPeekedEvent == null) {
 return mReader.getElementText();
 }

 XMLEvent evt = mPeekedEvent;
 mPeekedEvent = null;

 /* Otherwise need to verify that we are currently over START_ELEMENT.
 * Problem is we have already went past it...
 */
 if (mPrePeekEvent != START_ELEMENT) {
 reportProblem(findErrorDesc(ERR_GETELEMTEXT_NOT_START_ELEM, mPrePeekEvent));
 }
 // ??? do we need to update mPrePeekEvent now

 String str = null;
 StringBuffer sb = null;

 /* Ok, fine, then just need to loop through and get all the
 * text...
 */
 for (; true; evt = nextEvent()) {
 if (evt.isEndElement()) {
 break;
 }
 int type = evt.getEventType();
 if (type == COMMENT || type == PROCESSING_INSTRUCTION) {
 // can/should just ignore them
 continue;
 }
 if (!evt.isCharacters()) {

```

```

 reportProblem(findErrorDesc(ERR_GETELEMTEXT_NON_TEXT_EVENT, type));
 }
 String curr = evt.asCharacters().getData();
 if (str == null) {
 str = curr;
 } else {
 if (sb == null) {
 sb = new StringBuffer(str.length() + curr.length());
 sb.append(str);
 }
 sb.append(curr);
 }
}

if (sb != null) {
 return sb.toString();
}
return (str == null) ? "" : str;
}

public Object getProperty(String name) {
 return mReader.getProperty(name);
}

public boolean hasNext() {
 return (mState != STATE_END_OF_INPUT);
}

public XMLEvent nextEvent()
 throws XMLStreamException
{
 if (mState == STATE_END_OF_INPUT) {
 throwEndOfInput();
 } else if (mState == STATE_INITIAL) {
 mState = STATE_CONTENT;
 return createStartDocumentEvent();
 }
 if (mPeekedEvent != null) {
 XMLEvent evt = mPeekedEvent;
 mPeekedEvent = null;
 if (evt.isEndDocument()) {
 mState = STATE_END_OF_INPUT;
 }
 return evt;
 }
 return createNextEvent(true, mReader.next());
}
}

```

```

public Object next() {
 try {
 return nextEvent();
 } catch (XMLStreamException sex) {
 throwUnchecked(sex);
 return null;
 }
}

public XMLEvent nextTag()
 throws XMLStreamException
{
 // If we have peeked something, need to process it
 if (mPeekedEvent != null) {
 XMLEvent evt = mPeekedEvent;
 mPeekedEvent = null;
 int type = evt.getEventType();
 switch (type) {
 case END_DOCUMENT:
 return null;
 case START_DOCUMENT:
 // Need to skip START_DOCUMENT to get the root elem
 break;
 case SPACE:
 // Ignorable WS is just fine
 break;

 /* !!! 07-Dec-2004, TSA: Specs are mum about Comments and PIs.
 * But why would they not be skipped just like what
 * the stream reader does?
 */
 case COMMENT:
 case PROCESSING_INSTRUCTION:
 break;
 case CDATA:
 case CHARACTERS:
 if (((Characters) evt).isWhiteSpace()) {
 break;
 }
 reportProblem(findErrorDesc(ERR_NEXTTAG_NON_WS_TEXT, type));
 break; // never gets here, but some compilers whine without...
 case START_ELEMENT:
 case END_ELEMENT:
 return evt;

 default:
 reportProblem(findErrorDesc(ERR_NEXTTAG_WRONG_TYPE, type));
 }
 }
}

```

```

} else {
 /* 13-Sep-2005, TSA: As pointed out by Patrick, we may need to
 * initialize the state here, too; otherwise peek() won't work
 * correctly. The problem is that following loop's get method
 * does not use event reader's method but underlying reader's.
 * As such, it won't update state: most importantly, initial
 * state may not be changed to non-initial.
 */
 if (mState == STATE_INITIAL) {
 mState = STATE_CONTENT;
 }
}

while (true) {
 int next = mReader.next();

 switch (next) {
 case END_DOCUMENT:
 return null;
 case SPACE:
 /* !!! 07-Dec-2004, TSA: Specs are mum about Comments and PIs.
 * But why would they not be skipped just like what
 * the stream reader does?
 */
 case COMMENT:
 case PROCESSING_INSTRUCTION:
 continue;
 case CDATA:
 case CHARACTERS:
 if (mReader.isWhiteSpace()) {
 continue;
 }
 reportProblem(findErrorDesc(ERR_NEXTTAG_NON_WS_TEXT, next));
 break; // just to keep Jikes happy...

 case START_ELEMENT:
 case END_ELEMENT:
 return createNextEvent(false, next);

 default:
 reportProblem(findErrorDesc(ERR_NEXTTAG_WRONG_TYPE, next));
 }
}

public XMLEvent peek()
 throws XMLStreamException
{

```



```

////////////////////////////////////
// Overridable factory methods
////////////////////////////////////
*/

protected XMLEvent createNextEvent(boolean checkEOD, int type)
 throws XMLStreamException
{
 try {
 XMLEvent evt = mAllocator.allocate(mReader);
 if (checkEOD && type == END_DOCUMENT) {
 mState = STATE_END_OF_INPUT;
 }
 return evt;
 } catch (RuntimeException rex) {
 /* 29-Mar-2008, TSA: Due to some problems with Stax API
 * (lack of 'throws XMLStreamException' in signature of
 * XMLStreamReader.getText(), for one) it is possible
 * we will get a wrapped XMLStreamException. If so,
 * we should be able to unwrap it.
 */
 Throwable t = rex.getCause();
 while (t != null) {
 if (t instanceof XMLStreamException) {
 throw (XMLStreamException) t;
 }
 t = t.getCause();
 }
 // Nope, need to re-throw as is
 throw rex;
 }
}

/**
 * Method called to create the very first event (START_DOCUMENT).
 */
protected XMLEvent createStartDocumentEvent()
 throws XMLStreamException
{
 XMLEvent start = mAllocator.allocate(mReader);
 return start;
}

/*
////////////////////////////////////
// Overridable error reporting methods
////////////////////////////////////
*/

```

```

private void throwEndOfInput()
{
 throw new NoSuchElementException();
}

protected void throwUnchecked(XMLStreamException sex)
{
 /* Wrapped root cause? Let's only unwrap one layer; one that
 * must have been used to expose the problem (if any)
 */
 Throwable t = (sex.getNestedException() == null) ? sex : sex.getNestedException();
 // Unchecked? Can re-throw as is
 if (t instanceof RuntimeException) {
 throw (RuntimeException) t;
 }
 if (t instanceof Error) {
 throw (Error) t;
 }
 // Otherwise, let's just wrap it
 throw new RuntimeException("[was "+t.getClass()+"] "+t.getMessage(), t);
}

protected void reportProblem(String msg)
 throws XMLStreamException
{
 reportProblem(msg, mReader.getLocation());
}

protected void reportProblem(String msg, Location loc)
 throws XMLStreamException
{
 if (loc == null) {
 throw new XMLStreamException(msg);
 }
 throw new XMLStreamException(msg, loc);
}

/*
////////////////////////////////////
// Package methods for sub-classes
////////////////////////////////////
*/

protected XMLStreamReader getStreamReader()
{
 return mReader;
}

```

```

/*
////////////////////////////////////
// Other internal methods
////////////////////////////////////
*/

/**
 * Method used to locate error message description to use.
 * Calls sub-classes <code>getErrorDesc()</code> first, and only
 * if no message found, uses default messages defined here.
 */
private final String findErrorDesc(int errorType, int currEvent)
{
 String msg = getErrorDesc(errorType, currEvent);
 if (msg != null) {
 return msg;
 }
 switch (errorType) {
 case ERR_GETELEMTEXT_NOT_START_ELEM:
 return "Current state not START_ELEMENT when calling getElementText()";
 case ERR_GETELEMTEXT_NON_TEXT_EVENT:
 return "Expected a text token";
 case ERR_NEXTTAG_NON_WS_TEXT:
 return "Only all-whitespace CHARACTERS/CDATA (or SPACE) allowed for nextTag()";
 case ERR_NEXTTAG_WRONG_TYPE:
 return "Should only encounter START_ELEMENT/END_ELEMENT, SPACE, or all-white-space
CHARACTERS";
 }

 // should never happen, but it'd be bad to throw another exception...
 return "Internal error (unrecognized error type: "+errorType+)";
}
}
/* Stax2 API extension for Streaming Api for Xml processing (StAX).
 *
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 */

```



```

package org.codehaus.stax2.ri;

import java.io.IOException;
import java.io.Writer;
import java.math.BigDecimal;
import java.math.BigInteger;

import javax.xml.namespace.NamespaceContext;
import javax.xml.namespace.QName;
import javax.xml.stream.*;

import org.codehaus.stax2.*;
import org.codehaus.stax2.typed.Base64Variant;
import org.codehaus.stax2.typed.Base64Variants;
import org.codehaus.stax2.typed.TypedArrayDecoder;
import org.codehaus.stax2.typed.TypedValueDecoder;
import org.codehaus.stax2.typed.TypedXMLStreamException;
import org.codehaus.stax2.validation.*;

import org.codehaus.stax2.ri.typed.ValueDecoderFactory;

/**
 * This is a partial base implementation of { @link XMLStreamReader2},
 * the extended stream reader that is part of Stax2.
 */
public abstract class Stax2ReaderImpl
 implements XMLStreamReader2 /* From Stax2 */
 ,AttributeInfo
 ,DTDInfo
 ,LocationInfo
{
 /**
 * Factory used for constructing decoders we need for typed access
 */
 protected ValueDecoderFactory _decoderFactory;

 /**
 // Life-cycle methods
 */

 protected Stax2ReaderImpl()
 {
 }

 /**
 // Life-cycle methods
 */

```

```

// XMLStreamReader2 (StAX2) implementation
////////////////////////////////////
*/

// // // StAX2, per-reader configuration

public Object getFeature(String name)
{
 // No features defined
 return null;
}

public void setFeature(String name, Object value)
{
 // No features defined
}

// NOTE: getProperty() defined in Stax 1.0 interface

public boolean isPropertySupported(String name) {
 /* No way to cleanly implement this using just Stax 1.0
 * interface, so let's be conservative and decline any knowledge
 * of properties...
 */
 return false;
}

public boolean setProperty(String name, Object value)
{
 return false; // could throw an exception too
}

// // // StAX2, additional traversal methods

public void skipElement() throws XMLStreamException
{
 if (getEventType() != START_ELEMENT) {
 throwNotStartElem();
 }
 int nesting = 1; // need one more end elements than start elements

 while (true) {
 int type = next();
 if (type == START_ELEMENT) {
 ++nesting;
 } else if (type == END_ELEMENT) {
 if (--nesting == 0) {
 break;
 }
 }
 }
}

```

```

 }
 }
}

// // // StAX2, additional attribute access

public AttributeInfo getAttributeInfo() throws XMLStreamException
{
 if (getEventType() != START_ELEMENT) {
 throwNotStartElem();
 }
 return this;
}

// // // StAX2, Additional DTD access

public DTDInfo getDTDInfo() throws XMLStreamException
{
 if (getEventType() != DTD) {
 return null;
 }
 return this;
}

// // // StAX2, Additional location information

/**
 * Location information is always accessible, for this reader.
 */
public final LocationInfo getLocationInfo() {
 return this;
}

// // // StAX2, Pass-through text accessors

public int getText(Writer w, boolean preserveContents)
 throws IOException, XMLStreamException
{
 char[] cbuf = getTextCharacters();
 int start = getTextStart();
 int len = getTextLength();

 if (len > 0) {
 w.write(cbuf, start, len);
 }
 return len;
}

```

```

// // // StAX 2, Other accessors

/**
 * @return Number of open elements in the stack; 0 when parser is in
 * prolog/epilog, 1 inside root element and so on.
 */
public abstract int getDepth();

public abstract boolean isEmptyElement() throws XMLStreamException;

public abstract NamespaceContext getNonTransientNamespaceContext();

public String getPrefixedName()
{
 switch (getEventType()) {
 case START_ELEMENT:
 case END_ELEMENT:
 {
 String prefix = getPrefix();
 String ln = getLocalName();

 if (prefix == null) {
 return ln;
 }
 StringBuffer sb = new StringBuffer(ln.length() + 1 + prefix.length());
 sb.append(prefix);
 sb.append(':');
 sb.append(ln);
 return sb.toString();
 }
 case ENTITY_REFERENCE:
 return getLocalName();
 case PROCESSING_INSTRUCTION:
 return getPITarget();
 case DTD:
 return getDTDRootName();

 }
 throw new IllegalStateException("Current state not START_ELEMENT, END_ELEMENT,
ENTITY_REFERENCE, PROCESSING_INSTRUCTION or DTD");
}

public void closeCompletely() throws XMLStreamException
{
 /* As usual, Stax 1.0 offers no generic way of doing just this.
 * But let's at least call the lame basic close()
 */
}

```

```

 close();
}

/*
////////////////////////////////////
// AttributeInfo implementation (StAX 2)
////////////////////////////////////
*/

// Already part of XMLStreamReader
//public int getAttributeCount();

public int findAttributeIndex(String nsURI, String localName)
{
 // !!! TBI
 return -1;
}

public int getIdAttributeIndex()
{
 // !!! TBI
 return -1;
}

public int getNotationAttributeIndex()
{
 // !!! TBI
 return -1;
}

/*
////////////////////////////////////
// DTDInfo implementation (StAX 2)
////////////////////////////////////
*/

public Object getProcessedDTD() {
 return null;
}

public String getDTDRootName() {
 return null;
}

public String getDTDPublicId() {
 return null;
}

```

```

public String getDTDSYSTEMID() {
 return null;
}

/**
 * @return Internal subset portion of the DOCTYPE declaration, if any;
 * empty String if none
 */
public String getDTDInternalSubset() {
 return null;
}

// // StAX2, v2.0

public DTDValidationSchema getProcessedDTDSchema() {
 return null;
}

/*
// LocationInfo implementation (StAX 2)
*/

// // // First, the "raw" offset accessors:

public long getStartingByteOffset() {
 return -1L;
}

public long getStartingCharOffset() {
 return 0;
}

public long getEndingByteOffset() throws XMLStreamException
{
 return -1;
}

public long getEndingCharOffset() throws XMLStreamException
{
 return -1;
}

// // // and then the object-based access methods:

public abstract XMLStreamLocation2 getStartLocation();

```

```

public abstract XMLStreamLocation2 getCurrentLocation();

public abstract XMLStreamLocation2 getEndLocation()
 throws XMLStreamException;

/*
// Stax2 validation
*/

public XMLValidator validateAgainst(XMLValidationSchema schema)
 throws XMLStreamException
{
 throwUnsupported();
 return null;
}

public XMLValidator stopValidatingAgainst(XMLValidationSchema schema)
 throws XMLStreamException
{
 throwUnsupported();
 return null;
}

public XMLValidator stopValidatingAgainst(XMLValidator validator)
 throws XMLStreamException
{
 throwUnsupported();
 return null;
}

public abstract ValidationProblemHandler setValidationProblemHandler(ValidationProblemHandler h);

/*
// TypedXMLStreamReader, scalar elements
*/

public boolean getElementAsBoolean() throws XMLStreamException
{
 ValueDecoderFactory.BooleanDecoder dec = _decoderFactory().getBooleanDecoder();
 getElementAs(dec);
 return dec.getValue();
}

public int getElementAsInt() throws XMLStreamException

```

```

{
 ValueDecoderFactory.IntDecoder dec = _decoderFactory().getIntDecoder();
 getElementAs(dec);
 return dec.getValue();
}

public long getElementAsLong() throws XMLStreamException
{
 ValueDecoderFactory.LongDecoder dec = _decoderFactory().getLongDecoder();
 getElementAs(dec);
 return dec.getValue();
}

public float getElementAsFloat() throws XMLStreamException
{
 ValueDecoderFactory.FloatDecoder dec = _decoderFactory().getFloatDecoder();
 getElementAs(dec);
 return dec.getValue();
}

public double getElementAsDouble() throws XMLStreamException
{
 ValueDecoderFactory.DoubleDecoder dec = _decoderFactory().getDoubleDecoder();
 getElementAs(dec);
 return dec.getValue();
}

public BigInteger getElementAsInteger() throws XMLStreamException
{
 ValueDecoderFactory.IntegerDecoder dec = _decoderFactory().getIntegerDecoder();
 getElementAs(dec);
 return dec.getValue();
}

public BigDecimal getElementAsDecimal() throws XMLStreamException
{
 ValueDecoderFactory.DecimalDecoder dec = _decoderFactory().getDecimalDecoder();
 getElementAs(dec);
 return dec.getValue();
}

public QName getElementAsQName() throws XMLStreamException
{
 ValueDecoderFactory.QNameDecoder dec = _decoderFactory().getQNameDecoder(getNamespaceContext());
 getElementAs(dec);
 // !!! Should we try to verify validity of name chars?
 return dec.getValue();
}

```



```

public byte[] getElementAsBinary() throws XMLStreamException
{
 return getElementAsBinary(Base64Variants.getDefaultVariant());
}

// !!! TODO: copy code from Stax2ReaderAdapter?
public abstract byte[] getElementAsBinary(Base64Variant v) throws XMLStreamException;

public void getElementAs(TypedValueDecoder tvd) throws XMLStreamException
{
 String value = getElementText();
 try {
 tvd.decode(value);
 } catch (IllegalArgumentException iae) {
 throw _constructTypeException(iae, value);
 }
}

/*
// Type/XMLStreamReader2 implementation, array elements
*/

public int readElementAsIntArray(int[] value, int from, int length) throws XMLStreamException
{
 return readElementAsArray(_decoderFactory().getIntArrayDecoder(value, from, length));
}

public int readElementAsLongArray(long[] value, int from, int length) throws XMLStreamException
{
 return readElementAsArray(_decoderFactory().getLongArrayDecoder(value, from, length));
}

public int readElementAsFloatArray(float[] value, int from, int length) throws XMLStreamException
{
 return readElementAsArray(_decoderFactory().getFloatArrayDecoder(value, from, length));
}

public int readElementAsDoubleArray(double[] value, int from, int length) throws XMLStreamException
{
 return readElementAsArray(_decoderFactory().getDoubleArrayDecoder(value, from, length));
}

/**
 * Actual implementation needs to implement tokenization and state
 * keeping.

```

```

* <p>
* !!! TODO: should be possible to implement completely
*/
public abstract int readElementAsArray(TypedArrayDecoder dec)
 throws XMLStreamException;

/*
////////////////////////////////////
// TypedXMLStreamReader2 implementation, binary data
////////////////////////////////////
*/

public int readElementAsBinary(byte[] resultBuffer, int offset, int maxLength)
 throws XMLStreamException
{
 return readElementAsBinary(Base64Variants.getDefaultVariant(), resultBuffer, offset, maxLength);
}

public abstract int readElementAsBinary(Base64Variant b64variant, byte[] resultBuffer, int offset, int maxLength)
 throws XMLStreamException;

/*
////////////////////////////////////
// TypedXMLStreamReader2 implementation, scalar attributes
////////////////////////////////////
*/

public abstract int getAttributeIndex(String namespaceURI, String localName);

public boolean getAttributeAsBoolean(int index) throws XMLStreamException
{
 ValueDecoderFactory.BooleanDecoder dec = _decoderFactory().getBooleanDecoder();
 getAttributeAs(index, dec);
 return dec.getValue();
}

public int getAttributeAsInt(int index) throws XMLStreamException
{
 ValueDecoderFactory.IntDecoder dec = _decoderFactory().getIntDecoder();
 getAttributeAs(index, dec);
 return dec.getValue();
}

public long getAttributeAsLong(int index) throws XMLStreamException
{
 ValueDecoderFactory.LongDecoder dec = _decoderFactory().getLongDecoder();
 getAttributeAs(index, dec);
 return dec.getValue();
}

```

```

}

public float getAttributeAsFloat(int index) throws XMLStreamException
{
 ValueDecoderFactory.FloatDecoder dec = _decoderFactory().getFloatDecoder();
 getAttributeAs(index, dec);
 return dec.getValue();
}

public double getAttributeAsDouble(int index) throws XMLStreamException
{
 ValueDecoderFactory.DoubleDecoder dec = _decoderFactory().getDoubleDecoder();
 getAttributeAs(index, dec);
 return dec.getValue();
}

public BigInteger getAttributeAsInteger(int index) throws XMLStreamException
{
 ValueDecoderFactory.IntegerDecoder dec = _decoderFactory().getIntegerDecoder();
 getAttributeAs(index, dec);
 return dec.getValue();
}

public BigDecimal getAttributeAsDecimal(int index) throws XMLStreamException
{
 ValueDecoderFactory.DecimalDecoder dec = _decoderFactory().getDecimalDecoder();
 getAttributeAs(index, dec);
 return dec.getValue();
}

public QName getAttributeAsQName(int index) throws XMLStreamException
{
 ValueDecoderFactory.QNameDecoder dec = _decoderFactory().getQNameDecoder(getNamespaceContext());
 getAttributeAs(index, dec);
 // !!! Should we try to verify validity of name chars?
 return dec.getValue();
}

public void getAttributeAs(int index, TypedValueDecoder tvd) throws XMLStreamException
{
 String value = getAttributeValue(index);
 try {
 tvd.decode(value);
 } catch (IllegalArgumentException iae) {
 throw _constructTypeException(iae, value);
 }
}

```

```

public int[] getAttributeAsIntArray(int index) throws XMLStreamException
{
 ValueDecoderFactory.IntArrayDecoder dec = _decoderFactory().getIntArrayDecoder();
 getAttributeAsArray(index, dec);
 return dec.getValues();
}

public long[] getAttributeAsLongArray(int index) throws XMLStreamException
{
 ValueDecoderFactory.LongArrayDecoder dec = _decoderFactory().getLongArrayDecoder();
 getAttributeAsArray(index, dec);
 return dec.getValues();
}

public float[] getAttributeAsFloatArray(int index) throws XMLStreamException
{
 ValueDecoderFactory.FloatArrayDecoder dec = _decoderFactory().getFloatArrayDecoder();
 getAttributeAsArray(index, dec);
 return dec.getValues();
}

public double[] getAttributeAsDoubleArray(int index) throws XMLStreamException
{
 ValueDecoderFactory.DoubleArrayDecoder dec = _decoderFactory().getDoubleArrayDecoder();
 getAttributeAsArray(index, dec);
 return dec.getValues();
}

/**
 * Actual implementation needs to implement tokenization.
 * <p>
 * !!! TODO: should be possible to implement completely
 */
public abstract int getAttributeAsArray(int index, TypedArrayDecoder tad) throws XMLStreamException;

public byte[] getAttributeAsBinary(int index) throws XMLStreamException
{
 return getAttributeAsBinary(Base64Variants.getDefaultVariant(), index);
}

public abstract byte[] getAttributeAsBinary(Base64Variant v, int index) throws XMLStreamException;

/*
////////////////////////////////////
// Package methods
////////////////////////////////////
*/

```

```

protected ValueDecoderFactory _decoderFactory()
{
 if (_decoderFactory == null) {
 _decoderFactory = new ValueDecoderFactory();
 }
 return _decoderFactory;
}

protected TypedXMLStreamException _constructTypeException(IllegalArgumentException iae, String
lexicalValue)
{
 return new TypedXMLStreamException(lexicalValue, iae.getMessage(), getLocation(), iae);
}

/*
////////////////////////////////////
// Internal methods
////////////////////////////////////
*/

protected void throwUnsupported()
 throws XMLStreamException
{
 throw new XMLStreamException("Unsupported method");
}

protected void throwNotStartElem()
{
 throw new IllegalStateException("Current state not START_ELEMENT");
}
}
/* Stax2 API extension for Streaming Api for Xml processing (StAX).
*
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*/
package org.codehaus.stax2.ri;

import javax.xml.stream.*;

```

```

import org.codehaus.stax2.*;
import org.codehaus.stax2.validation.*;

/**
 * This is a partial base implementation of { @link XMLStreamWriter2},
 * the extended stream writer that is part of Stax2.
 */
public abstract class Stax2WriterImpl
 implements XMLStreamWriter2 /* From Stax2 */
 ,XMLStreamConstants
{
 /*
 // Life-cycle methods
 */

 protected Stax2WriterImpl() { }

 /*
 // XMLStreamWriter2 (StAX2) implementation
 */

 public boolean isPropertySupported(String name)
 {
 /* No base properties (or should we have something for impl
 * name, version?)
 */
 return false;
 }

 public boolean setProperty(String name, Object value)
 {
 throw new IllegalArgumentException("No settable property '"+name+"'");
 }

 public abstract XMLStreamLocation2 getLocation();

 public abstract String getEncoding();

 public void writeCDATA(char[] text, int start, int len)
 throws XMLStreamException
 {
 writeCDATA(new String(text, start, len));
 }
}

```

```

public void writeDTD(String rootName, String systemId, String publicId,
 String internalSubset)
 throws XMLStreamException
{
 /* This may or may not work... depending on how well underlying
 * implementation follows stax 1.0 spec (it should work)
 */
 StringBuffer sb = new StringBuffer();
 sb.append("<!DOCTYPE");
 sb.append(rootName);
 if (systemId != null) {
 if (publicId != null) {
 sb.append(" PUBLIC \""");
 sb.append(publicId);
 sb.append("\"");
 } else {
 sb.append(" SYSTEM \""");
 }
 sb.append(systemId);
 sb.append("");
 }
 // Hmmh. Should we output empty internal subset?
 if (internalSubset != null && internalSubset.length() > 0) {
 sb.append(" [");
 sb.append(internalSubset);
 sb.append(']');
 }
 sb.append('>');
 writeDTD(sb.toString());
}

public void writeFullEndElement()
 throws XMLStreamException
{
 /* This should work with base Stax 1.0 implementations.
 * Sub-classes are, however, encouraged to implement it
 * more directly, if possible.
 */
 writeCharacters("");
 writeEndElement();
}

public void writeSpace(String text)
 throws XMLStreamException
{
 /* Hmmh. Two choices: either try to write as regular characters,
 * or output as is via raw calls. Latter would be safer, if we

```

```

 * had access to it; former may escape incorrectly.
 * While this may not be optimal, let's try former
 */
 writeRaw(text);
}

public void writeSpace(char[] text, int offset, int length)
 throws XMLStreamException
{
 // See comments above...
 writeRaw(text, offset, length);
}

public abstract void writeStartDocument(String version, String encoding,
 boolean standAlone)
 throws XMLStreamException;

/*
// Stax2, Pass-through methods
*/

public void writeRaw(String text)
 throws XMLStreamException
{
 writeRaw(text, 0, text.length());
}

public abstract void writeRaw(String text, int offset, int len)
 throws XMLStreamException;

public abstract void writeRaw(char[] text, int offset, int length)
 throws XMLStreamException;

public void copyEventFromReader(XMLStreamReader2 sr, boolean preserveEventData)
 throws XMLStreamException
{
 switch (sr.getEventType()) {
 case START_DOCUMENT:
 {
 String version = sr.getVersion();
 /* No real declaration? If so, we don't want to output
 * anything, to replicate as closely as possible the
 * source document
 */
 if (version == null || version.length() == 0) {
 ; // no output if no real input
 }
 }
 }
}

```



```

 } else {
 if (sr.standaloneSet()) {
 writeStartDocument(sr.getVersion(),
 sr.getCharacterEncodingScheme(),
 sr.isStandalone());
 } else {
 writeStartDocument(sr.getCharacterEncodingScheme(),
 sr.getVersion());
 }
 }
}
return;

case END_DOCUMENT:
 writeEndDocument();
 return;

// Element start/end events:
case START_ELEMENT:
 /* Start element is bit trickier to output since there
 * may be differences between repairing/non-repairing
 * writers. But let's try a generic handling here.
 */
 copyStartElement(sr);
 return;

case END_ELEMENT:
 writeEndElement();
 return;

case SPACE:
 writeSpace(sr.getTextCharacters(), sr.getTextStart(), sr.getTextLength());
 return;

case CDATA:
 writeCDATA(sr.getTextCharacters(), sr.getTextStart(), sr.getTextLength());
 return;

case CHARACTERS:
 writeCharacters(sr.getTextCharacters(), sr.getTextStart(), sr.getTextLength());
 return;

case COMMENT:
 writeComment(sr.getText());
 return;

case PROCESSING_INSTRUCTION:
 writeProcessingInstruction(sr.getPITarget(), sr.getPIData());

```

```

 return;

 case DTD:
 {
 DTDInfo info = sr.getDTDInfo();
 if (info == null) {
 /* Hmmmh. Can this happen for non-DTD-aware readers?
 * And if so, what should we do?
 */
 throw new XMLStreamException("Current state DOCTYPE, but not DTDInfo Object returned -- reader
doesn't support DTDs?");
 }
 writeDTD(info.getDTDRootName(), info.getDTDSYSTEMID(),
 info.getDTDPublicId(), info.getDTDInternalSubset());
 }
 return;

 case ENTITY_REFERENCE:
 writeEntityRef(sr.getLocalName());
 return;

 case ATTRIBUTE:
 case NAMESPACE:
 case ENTITY_DECLARATION:
 case NOTATION_DECLARATION:
 // Let's just fall back to throw the exception
 }
 throw new XMLStreamException("Unrecognized event type ("
 +sr.getEventType()+"); not sure how to copy");
}

/*
// Stax2, validation
*/

public XMLValidator validateAgainst(XMLValidationSchema schema)
 throws XMLStreamException
{
 throw new UnsupportedOperationException("Not yet implemented");
}

public XMLValidator stopValidatingAgainst(XMLValidationSchema schema)
 throws XMLStreamException
{
 return null;
}

```

```

public XMLValidator stopValidatingAgainst(XMLValidator validator)
 throws XMLStreamException
{
 return null;
}

public ValidationProblemHandler setValidationProblemHandler(ValidationProblemHandler h)
{
 /* Not a real problem: although we can't do anything with it
 * (without real validator integration)
 */
 return null;
}

/*
// Helper methods
*/

/**
 * Basic implementation of copy operation. It is likely that
 * sub-classes can implement more efficient copy operations: if so,
 * they should do so.
 */
protected void copyStartElement(XMLStreamReader sr)
 throws XMLStreamException
{
 // Any namespace declarations/bindings?
 int nsCount = sr.getNamespaceCount();
 if (nsCount > 0) { // yup, got some...
 /* First, need to (or at least, should?) add prefix bindings:
 * (may not be 100% required, but probably a good thing to do,
 * just so that app code has access to prefixes then)
 */
 for (int i = 0; i < nsCount; ++i) {
 String prefix = sr.getNamespacePrefix(i);
 String uri = sr.getNamespaceURI(i);
 if (prefix == null || prefix.length() == 0) { // default NS
 setDefaultNamespace(uri);
 } else {
 setPrefix(prefix, uri);
 }
 }
 }
 writeStartElement(sr.getPrefix(), sr.getLocalName(), sr.getNamespaceURI());
}

```

```

if (nsCount > 0) {
 // And then output actual namespace declarations:
 for (int i = 0; i < nsCount; ++i) {
 String prefix = sr.getNamespacePrefix(i);
 String uri = sr.getNamespaceURI(i);

 if (prefix == null || prefix.length() == 0) { // default NS
 writeDefaultNamespace(uri);
 } else {
 writeNamespace(prefix, uri);
 }
 }
}

/* And then let's just output attributes. But should we copy the
 * implicit attributes (created via attribute defaulting?)
 */
int attrCount = sr.getAttributeCount();
if (attrCount > 0) {
 for (int i = 0; i < attrCount; ++i) {
 writeAttribute(sr.getAttributePrefix(i),
 sr.getAttributeNamespace(i),
 sr.getAttributeLocalName(i),
 sr.getAttributeValue(i));
 }
}
}
}

```

## 1.241 Streaming API for XML 1.0-2

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Version 1.0

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# 1.243 Three.js 0.0.73

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compiler/cpp/src/generate/t\_ocaml\_generator.cc  
compiler/cpp/src/generate/t\_perl\_generator.cc  
compiler/cpp/src/generate/t\_php\_generator.cc  
compiler/cpp/src/generate/t\_py\_generator.cc  
compiler/cpp/src/generate/t\_rb\_generator.cc  
compiler/cpp/src/generate/t\_st\_generator.cc  
compiler/cpp/src/generate/t\_xsd\_generator.cc  
compiler/cpp/src/main.cc  
compiler/cpp/src/parse/t\_field.h  
compiler/cpp/src/parse/t\_program.h  
compiler/cpp/src/platform.h  
compiler/cpp/src/thriftl.ll  
compiler/cpp/src/thrift.yy  
lib/csharp/src/Protocol/TBinaryProtocol.cs

lib/csharp/src/Protocol/TField.cs  
lib/csharp/src/Protocol/TList.cs  
lib/csharp/src/Protocol/TMap.cs  
lib/csharp/src/Protocol/TMessage.cs  
lib/csharp/src/Protocol/TMessageType.cs  
lib/csharp/src/Protocol/TProtocol.cs  
lib/csharp/src/Protocol/TProtocolException.cs  
lib/csharp/src/Protocol/TProtocolFactory.cs  
lib/csharp/src/Protocol/TProtocolUtil.cs  
lib/csharp/src/Protocol/TSet.cs  
lib/csharp/src/Protocol/TStruct.cs  
lib/csharp/src/Protocol/TType.cs  
lib/csharp/src/Server/TServer.cs  
lib/csharp/src/Server/TSimpleServer.cs  
lib/csharp/src/Server/TThreadPoolServer.cs  
lib/csharp/src/TApplicationException.cs  
lib/csharp/src/Thrift.csproj  
lib/csharp/src/Thrift.sln  
lib/csharp/src/TProcessor.cs  
lib/csharp/src/Transport/TServerSocket.cs  
lib/csharp/src/Transport/TServerTransport.cs  
lib/csharp/src/Transport/TSocket.cs  
lib/csharp/src/Transport/TStreamTransport.cs  
lib/csharp/src/Transport/TTransport.cs  
lib/csharp/src/Transport/TTransportException.cs  
lib/csharp/src/Transport/TTransportFactory.cs  
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs  
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs  
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj  
lib/rb/lib/thrift.rb  
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lib/st/thrift.st  
test/OptionalRequiredTest.cpp  
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# 1.245 thrift 0.9.1

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Ty Coon, President of Vice

That's all there is to it!

## 1.247.3 GNU GENERAL PUBLIC LICENSE Version 3 :

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Version 3, 29 June 2007

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Version 3, 29 June 2007

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# 1.248 validation-api 1.1.0

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## 1.249 woodstox-core-asl 4.1.4

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## 2.3 base-passwd 3.5.29

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Name: base-passwd  
Maintainer: Colin Watson <cjwatson@debian.org>

Files: update-passwd.c, man/\*

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From mikel@ora.com Tue Aug 1 12:13:20 1995

Flags: 10

Return-Path: mikel@ora.com

Received: from ruby.ora.com (ruby.ora.com [198.112.208.25]) by odin.INS.CWRU.Edu with ESMTP  
(8.6.12+cwru/CWRU-2.1-ins)

id MAA01565; Tue, 1 Aug 1995 12:13:18 -0400 (from mikel@ora.com for <chet@odin.INS.CWRU.Edu>)

Received: (from fax@localhost) by ruby.ora.com (8.6.12/8.6.11) with UUCP id MAA23251; Tue, 1 Aug 1995  
12:07:51 -0400

Received: by los.ora.com (4.1/Spike-2.1)

id AA00672; Tue, 1 Aug 95 08:57:32 EDT

Date: Tue, 1 Aug 95 08:57:32 EDT

From: mikel@ora.com (Michael Loukides)

Message-Id: <9508011257.AA00672@los.ora.com>

Subject: Re: Ksh debugger from Rosenblatt's book [for bash]

To: Chet Ramey <chet@odin.INS.CWRU.Edu>

Cc: cmarie@ora.com, cam@iinet.com.au, brosenblatt@tm.com

In-Reply-To: Chet Ramey <chet@odin.INS.CWRU.Edu>, Mon, 31 Jul 1995 16:22:48 -0400

I've modified a (modified) version of Bill Rosenblatt's ksh debugger  
to work with bash-2.0. Does ORA have any problem with me distributing  
it with bash-2.0?

That's great!

Go ahead and circulate it; in fact, we should probably grab it and  
stick it in our ftp archive, and put a reference to it in the book.  
(Too late to actually discuss the thing, at least for this edition).

-----

From spcedt@armory.com Wed May 10 10:21:11 1995

Flags: 10

Return-Path: spcedt@armory.com

Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP  
(8.6.10+cwru/CWRU-2.1-ins)

id KAA22876; Wed, 10 May 1995 10:21:10 -0400 (from spcedt@armory.com for <chet@odin.INS.CWRU.Edu>)

Received: from deepthought.armory.com (mmdf@deepthought.armory.com [192.122.209.42]) by po.cwru.edu with

SMTP (8.6.10+cwru/CWRU-2.3)  
id BAA16354; Wed, 10 May 1995 01:33:22 -0400 (from spcedt@armory.com for <chet@po.cwru.edu>)  
From: John DuBois <spcedt@armory.com>  
Date: Tue, 9 May 1995 22:33:12 -0700  
In-Reply-To: Chet Ramey <chet@odin.ins.cwru.edu>  
"ksh scripts" (May 9, 1:36pm)  
X-Www: http://www.armory.com/~spcedt/  
X-Mailer: Mail User's Shell (7.2.5 10/14/92)  
To: chet@po.cwru.edu  
Subject: Re: ksh scripts  
Message-ID: <9505092233.aa13001@deephought.armory.com>

Sure. The canonical versions are available on ftp.armory.com; you might want to pick up the latest versions before modifying them.

John

On May 9, 1:36pm, Chet Ramey wrote:

```
} Subject: ksh scripts
} From odin.ins.cwru.edu!chet Tue May 9 10:39:51 1995
} Received: from odin.INS.CWRU.Edu by deepthought.armory.com id aa22336;
} 9 May 95 10:39 PDT
} Received: (chet@localhost) by odin.INS.CWRU.Edu (8.6.10+cwru/CWRU-2.1-ins)
} id NAA20487; Tue, 9 May 1995 13:39:24 -0400 (from chet)
} Date: Tue, 9 May 1995 13:36:54 -0400
} From: Chet Ramey <chet@odin.ins.cwru.edu>
} To: john@armory.com
} Subject: ksh scripts
} Cc: chet@odin.ins.cwru.edu
} Reply-To: chet@po.cwru.edu
} Message-ID: <9505091736.AA20411.SM@odin.INS.CWRU.Edu>
} Read-Receipt-To: chet@po.CWRU.Edu
} MIME-Version: 1.0
} Content-Type: text/plain; charset=us-ascii
} Status: OR
}
} Hi. I'm the maintainer of bash (the GNU `Bourne Again shell') for
} the FSF.
}
} I picked up a tar file of ksh scripts you wrote from an anon FTP site
} a while back. I'd like your permission to include modified versions
} of some of them in the next major bash distribution (with proper credit
} given, of course). Is it OK if I do that?
}
} Chet Ramey
}
} --
} ``The lyf so short, the craft so long to lerne." - Chaucer
```

}  
} Chet Ramey, Case Western Reserve University Internet: chet@po.CWRU.Edu  
}-- End of excerpt from Chet Ramey  
From friedman@cli.com Thu May 25 12:19:06 1995  
Flags: 10  
Return-Path: friedman@cli.com  
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP  
(8.6.10+cwru/CWRU-2.1-ins)  
id MAA08685; Thu, 25 May 1995 12:19:05 -0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)  
Received: from cli.com (cli.com [192.31.85.1]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)  
id MAA11299; Thu, 25 May 1995 12:19:00 -0400 (from friedman@cli.com for <chet@po.cwru.edu>)  
Received: from tepui.cli.com by cli.com (4.1/SMI-4.1)  
id AA27213; Thu, 25 May 95 11:18:25 CDT  
Received: by tepui.cli.com (4.1) id AA16031; Thu, 25 May 95 11:18:23 CDT  
Message-Id: <9505251618.AA16031@tepui.cli.com>  
From: friedman@gnu.ai.mit.edu (Noah Friedman)  
To: chet@po.cwru.edu  
Subject: Bash scripts  
Reply-To: friedman@gnu.ai.mit.edu  
In-Reply-To: <chet@odin.ins.cwru.edu> Thu, 25 May 1995 11:19:59 -0400  
References: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>  
Date: Thu, 25 May 95 11:18:21 CST

>Hi. I snagged some of your bash functions from your home directory on  
>the FSF machines (naughty, I know), and I was wondering if you'd let  
>me distribute them with bash-2.0. Thanks.

Sure. I think there's a later copy in  
~ftp/friedman/shell-inits/init-4.89.tar.gz. There are also some elisp and  
es frobs in that file.

It should serve as a pretty good example of how to get carried away. :-)

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```
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```

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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Julian Seward, Cambridge, UK.  
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Julian Seward, jseward@bzip.org  
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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\*  
\* curve25519-donna: Curve25519 elliptic curve, public key function  
\*  
\* <http://code.google.com/p/curve25519-donna/>  
\*  
\* Adam Langley <agl@imperialviolet.org>  
\*  
\* Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to>  
\*  
\* More information about curve25519 can be found here  
\* <http://cr.yp.to/ecdh.html>  
\*  
\* djb's sample implementation of curve25519 is written in a special assembly  
\* language called qhasm and uses the floating point registers.  
\*  
\* This is, almost, a clean room reimplementaion from the curve25519 paper. It  
\* uses many of the tricks described therein. Only the crecip function is taken  
\* from the sample implementation.  
\*/

## 2.11 gcc 4.9.2 :2014-10-30

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Version 3, 29 June 2007

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```
Run this script with the first argument being the location of
```

```
gnu lib's update-copyright script. Any other arguments are ignored.
```

```
FSF copyright notices in the glibc source directory containing this
```

```
script will be updated; glibc must then be built to update generated
```

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files. Copyright dates in --version copyright notices are not
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```
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```

```
/* pthread_spin_init -- initialize a spin lock. Generic version.
```

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## 2.16 jq 1.4

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## 2.17 kmod 19

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/\*

\* This program is used to determine the screen dimensions on OS/2 systems.

\* Adapted from code written by Kyosuke Tokoro (NBG01720@nifty.ne.jp).

\*/

/\*

\* When I wrote this routine, I consulted some part of the source code

\* of the xwininfo utility by X Consortium.

\*

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/\*

\* Routines dealing with signals.

\*

\* A signal usually merely causes a bit to be set in the "signals" word.

\* At some convenient time, the mainline code checks to see if any

\* signals need processing by calling psignal().

\* If we happen to be reading from a file [in iread()] at the time

\* the signal is received, we call intread to interrupt the iread.

\*/

/\*

\* regcomp and regexec -- regsub and regerror are elsewhere

\*

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\*

\* Beware that some of this code is subtly aware of the way operator  
 \* precedence is structured in regular expressions. Serious changes in  
 \* regular-expression syntax might require a total rethink.

\*

\* \*\*\* NOTE: this code has been altered slightly for use in Tcl. \*\*\*

\* Slightly modified by David MacKenzie to undo most of the changes for TCL.

\* Added regexec2 with notbol parameter. -- 4/19/99 Mark Nudelman

\*/

Less, version 471

This is the distribution of less, version 471, released 14 Dec 2014.  
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## 2.19 libcurl 7.40.0

### 2.19.1 Available under license :

License Mixing with apps, libcurl and Third Party Libraries

=====

libcurl can be built to use a fair amount of various third party libraries,  
 libraries that are written and provided by other parties that are distributed  
 using their own licenses. Even libcurl itself contains code that may cause  
 problems to some. This document attempts to describe what licenses libcurl and

the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

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

One common dilemma is that GPL[1]-licensed code is not allowed to be linked with code licensed under the Original BSD license (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an exception[2]. This particular problem was addressed when the Modified BSD license was created, which does not have the announcement clause that collides with GPL.

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OpenLDAP <http://www.openldap.org/software/release/license.html>

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

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(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

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## 2.20 libssh 0.6.4+git0+3880a8ed80

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\*  
\* OpenSSL integration was taken from Emilia Kasper's work in ecp\_nistp224.c.  
\* Otherwise based on Emilia's P224 work, which was inspired by my curve25519  
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/* */
/*-
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/*-

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```

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```
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```

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```
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```

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

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

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

## 2.28 resolvconf 1.76 :r0

## 2.28.1 Available under license :

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## 2.33 sysvinit 2.88dsf :r14

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The of the start-stop-daemon

- \* A rewrite of the original Debian's start-stop-daemon Perl script
- \* in C (faster - it is executed many times during system startup).
- \*
- \* Written by Marek Michalkiewicz <[marekm@i17linuxb.ists.pwr.wroc.pl](mailto:marekm@i17linuxb.ists.pwr.wroc.pl)>,  
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## 2.35 udev 182

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

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

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

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

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

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That's all there is to it!

## 2.37 update-rc.d 0.7

### 2.37.1 Available under license :

```
#!/bin/sh
#
update-rc.d Update the links in /etc/rc[0-9S].d/
#
(c) 2003, 2004 Phil Blundell <pb@handhelds.org>
#
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initd="/etc/init.d"
etcd="/etc/rc"
notreally=0
force=0
dostart=0
verbose=0

usage()
{
cat >&2 <<EOF
usage: update-rc.d [-n] [-f] [-r <root>] <basename> remove
 update-rc.d [-n] [-r <root>] [-s] <basename> defaults [NN | sNN kNN]
 update-rc.d [-n] [-r <root>] [-s] <basename> start|stop NN runlvl [runlvl] [...] .
-n: not really
-f: force
-v: verbose
-r: alternate root path (default is /)
-s: invoke start methods if appropriate to current runlevel
EOF
}
```

```

checklinks()
{
local i dn fn remove=0
if ["x$1" = "xremove"]; then
echo " Removing any system startup links for $bn ..."
remove=1
fi

for i in 0 1 2 3 4 5 6 7 8 9 S; do
dn="{etcd}${i}.d"
if [! -d $dn]; then
continue;
fi
for f in ${dn}/[SK]??${bn}; do
if [-L $f]; then
if [$remove -eq 0]; then
return 1
fi
echo " $f"
if [$notreally -eq 1]; then
continue
fi
rm $f
fi
done
done

return 0
}

dolink()
{
startstop=$1
lev=`echo $2 | cut -d/ -f1`
nn=`echo $2 | cut -d/ -f2`
fn="{etcd}${lev}.d/${startstop}${nn}${bn}"
[$verbose -eq 1] && echo " $fn -> ../init.d/$bn"
if [$notreally -eq 0]; then
mkdir -p `dirname $fn`
ln -s ../init.d/$bn $fn
fi
if [$dostart -eq 1] && [$startstop = "S"] && [$lev = $RUNLEVEL]; then
$fn start || true
fi
}

makelinks()
{

```

```

if ! checklinks; then
echo " System startup links for $initd/$bn already exist."
if [$dostart -eq 1] && [$notreally -eq 0] && [-L ${etcd}${RUNLEVEL}.d/S??${bn}]; then
 ${etcd}${RUNLEVEL}.d/S??${bn} restart || true
fi
exit 0
fi

echo " Adding system startup for $initd/$bn."

for i in $startlinks; do
 dolink S $i
done
for i in $stoplinks; do
 dolink K $i
done
}

while [$# -gt 0]; do
case $1 in
-n) notreally=1
 shift
 continue
 ;;
-v) verbose=1
 shift
 continue
 ;;
-f) force=1
 shift
 continue
 ;;
-s) dostart=1
 shift
 continue
 ;;
-r) shift
 root=$1
 initd="${root}${initd}"
 etcd="${root}${etcd}"
 shift
 ;;
-h | --help)
 usage
 exit 0
 ;;
-*)
 usage

```

```

 exit 1
 ;;
 *)
 break
 ;;
esac
done

if [$# -lt 2]; then
 usage
 exit 1
fi

bn=$1
shift

sn=$initd/$bn
if [-L "$sn" -a -n "$root"]; then
 if which readlink >/dev/null; then
 while true; do
 linksn="$(readlink "$sn")"
 if [-z "$linksn"]; then
 break
 fi
 done
 sn="$linksn"
 case "$sn" in
 /*) sn="$root$sn" ;;
 *) sn="$initd/$sn" ;;
 esac
done
else
 echo "update-rc.d: readlink tool not present, cannot check whether \
 $sn symlink points to a valid file." >&2
fi
fi

if [$1 != "remove"]; then
 if [! -f "$sn"]; then
 echo "update-rc.d: $initd/$bn: file does not exist" >&2
 exit 1
 fi
else
 if [-f "$sn"]; then
 if [$force -eq 1]; then
 echo "update-rc.d: $initd/$bn exists during rc.d purge (continuing)" >&2
 else
 echo "update-rc.d: $initd/$bn exists during rc.d purge (use -f to force)" >&2
 fi
 fi
fi

```

```

 exit 1
fi
fi
fi

if [$dostart -eq 1]; then
#RUNLEVEL=`sed 's/.*\[(.*)\]/\1/' < /proc/1/cmdline`
RUNLEVEL=`runlevel | cut -d" " -f2`
if ["x$RUNLEVEL" = "x"]; then
 echo "Unable to determine current runlevel" >&2
 exit 1
fi
fi

case $1 in
remove)
 checklinks "remove"
 ;;

defaults)
if [$# -gt 3]; then
 echo "defaults takes only one or two arguments" >&2
 usage
 exit 1
fi
start=20
stop=20
if [$# -gt 1]; then
 start=$2
 stop=$2
fi
if [$# -gt 2]; then
 stop=$3
fi
start=`printf %02d $start`
stop=`printf %02d $stop`
stopleftinks="0/$stop 1/$stop 6/$stop"
startlinks="2/$start 3/$start 4/$start 5/$start"
makelinks
 ;;

start | stop)
while [$# -gt 0]; do
if [$1 = "start"]; then
 letter=S
elif [$1 = "stop"]; then
 letter=K
else

```

```

echo "expected start or stop" >&2
usage
exit 1
fi
shift
NN=`printf %02d $(expr $1 + 0)`
shift
while ["x$1" != "x."]; do
if [$# -eq 0]; then
echo "action with list of runlevels not terminated by `.`" >&2
exit 1
fi
level=$1
shift
case $letter in
S) startlinks="$startlinks $level/$NN" ;;
K) stoplinks="$stoplinks $level/$NN" ;;
esac
done
shift
done
makelinks
;;

*)
usage
exit 1
;;
esac

```

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## 2.38 util-linux 2.25.2

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Initialize empty image

f1c9645dbc14efddc7d8a322685f26eb bsd.img

Create new DOS partition table

57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 \* 512 = 512 bytes

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

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

Disklabel type: dos

Disk identifier: <removed>

-----

Create 1st primary partition

ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 \* 512 = 512 bytes

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

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

Disklabel type: dos

Disk identifier: <removed>

| Device     | Boot | Start | End  | Sectors | Size | Id | Type  |
|------------|------|-------|------|---------|------|----|-------|
| <removed>1 |      | 2048  | 4095 | 2048    | 1M   | 83 | Linux |

-----

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

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors  
Units: sectors of 1 \* 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
Disklabel type: dos  
Disk identifier: <removed>

| Device     | Boot | Start | End   | Sectors | Size | Id | Type    |
|------------|------|-------|-------|---------|------|----|---------|
| <removed>1 |      | 2048  | 4095  | 2048    | 1M   | 83 | Linux   |
| <removed>2 |      | 4096  | 20479 | 16384   | 8M   | a5 | FreeBSD |

-----

Create default BSD  
2e1cee529cb59c9341afef0443f196a1 bsd.img

---layout-----

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

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors  
Geometry: 255 heads, 63 sectors/track, 1 cylinders  
Units: sectors of 1 \* 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
Disklabel type: bsd  
partitions: 4

| Slice | Start | End   | Sectors | Size | Type   | Fsize | Bsize | Cpg |
|-------|-------|-------|---------|------|--------|-------|-------|-----|
| c     | 4096  | 20479 | 16384   | 8M   | unused | 0     | 0     | 0   |
| d     | 0     | 16064 | 16065   | 7.9M | unused | 0     | 0     | 0   |

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

-----

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout-----

Welcome to fdisk <removed>.

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

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors

Geometry: 255 heads, 63 sectors/track, 1 cylinders

Units: sectors of 1 \* 512 = 512 bytes

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

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

Disklabel type: bsd

partitions: 4

| Slice | Start | End   | Sectors | Size | Type   | Fsize | Bsize | Cpg |
|-------|-------|-------|---------|------|--------|-------|-------|-----|
| a     | 4096  | 6144  | 2049    | 1M   | 4.2BSD | 0     | 0     | 0   |
| c     | 4096  | 20479 | 16384   | 8M   | unused | 0     | 0     | 0   |
| d     | 0     | 16064 | 16065   | 7.9M | unused | 0     | 0     | 0   |

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

-----

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

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):

0 unused 5 4.1BSD 9 4.4LFS d boot

|             |                  |            |          |
|-------------|------------------|------------|----------|
| 1 swap      | 6 Eighth Edition | a unknown  | e ADOS   |
| 2 Version 6 | 7 4.2BSD         | b HPFS     | f HFS    |
| 3 Version 7 | 8 MS-DOS         | c ISO-9660 | 10 AdvFS |
| 4 System V  |                  |            |          |

Command (m for help):

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```

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```

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\*/

/\* tailf.c -- tail a log file and then follow it

\* Created: Tue Jan 9 15:49:21 1996 by faith@acm.org  
\* Copyright 1996, 2003 Rickard E. Faith (faith@acm.org)

\*

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\*

\* less -F and tail -f cause a disk access every five seconds. This  
\* program avoids this problem by waiting for the file size to change.  
\* Hence, the file is not accessed, and the access time does not need to be  
\* flushed back to disk. This is sort of a "stealth" tail.

\*/

/\*

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```
* GNU Lesser General Public License.
*/
#ifndef UTIL_LINUX_CPUSET_H
#define UTIL_LINUX_CPUSET_H

#include <sched.h>

/*
 * Fallback for old or obscure libcs without dynamically allocated cpusets
 *
 * The following macros are based on code from glibc.
 *
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 * modify it under the terms of the GNU Lesser General Public
 * License as published by the Free Software Foundation; either
 * version 2.1 of the License, or (at your option) any later version.
 */
/**
First set of functions in this file are part of systemd, and were
copied to util-linux at August 2013.
```

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```
***/
#!/bin/bash

#
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#
```

## 2.39 v86d 0.1.10

### 2.39.1 Available under license :

```
CFLAGS = -g -Wall
RANLIB = ranlib
OS != uname -s

sources = lrmi.c lrmi.h
objects = lrmi.o
pic_objects = lrmi.lo
all = liblrmi.a liblrmi.so vbetest
.if ${OS}=="NetBSD" || ${OS}=="OpenBSD"
libs= -li386
.endif

all: $(all)

.c.o:
$(CC) -c $(CPPFLAGS) $(CFLAGS) -o ${.TARGET} ${.IMPSRC}

.SUFFIXES: .lo
.c.lo:
$(CC) -c $(CPPFLAGS) $(CFLAGS) -fPIC -o ${.TARGET} ${.IMPSRC}

liblrmi.a: $(objects)
$(AR) -r ${.TARGET} ${.ALLSRC}
$(RANLIB) ${.TARGET}

liblrmi.so: $(pic_objects)
$(CC) $(CPPFLAGS) $(CFLAGS) -fPIC -shared -o ${.TARGET} ${.ALLSRC} ${libs}

vbetest: vbetest.o liblrmi.a
$(CC) $(CPPFLAGS) $(CFLAGS) -o ${.TARGET} ${.ALLSRC} ${libs}

.PHONY: clean
clean:
rm -f $(objects) $(pic_objects) vbetest.o $(all) *.core
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```

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If you have any questions about this, please send email to [x86emu@linuxlabs.com](mailto:x86emu@linuxlabs.com) or [KendallB@scitechsoft.com](mailto:KendallB@scitechsoft.com) for clarification.

## 2.40 xz 5.2.0

### 2.40.1 Available under license :

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Version 2, June 1991

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#SET_PATH - This line is a placeholder to ease patching this script.

Instead of unsetting XZ_OPT, just make sure that xz will use file format
autodetection. This way memory usage limit and thread limit can be
specified via XZ_OPT. With gzip, bzip2, and lzop it's OK to just unset the
environment variables.
#!/bin/sh
install - install a program, script, or datafile

scriptversion=2011-11-20.07; # UTC

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## 2.41 zlib 1.2.8

### 2.41.1 Available under license :

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.8, April 28th, 2013
```

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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://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

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## 2.42 zlib 1.2.8

### 2.42.1 Available under license :

/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.8, April 28th, 2013

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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://tools.ietf.org/html/rfc1950> (zlib format), [rfc1951](http://tools.ietf.org/html/rfc1951) (deflate format) and [rfc1952](http://tools.ietf.org/html/rfc1952) (gzip format).

\*/

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