Open Source Used In Cisco Virtual Managed Services (VMS) Platform 3.3

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1.12 ganymed-ssh2 Build262

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1.15 gridx 1.3.7

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1.19 libsmi 0.4.8

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-----------------------------------------------------------------------------

tools/shhopt.c, tools/shhopt.h:

Title: shhopt - library for parsing command line options.
Version: 1.1.2
Entered-date: 23MAR97
Description: C-functions for parsing command line options, both
   traditional one-character options, and GNU'ish
   --long-options.
Keywords: programming, library, lib, commandline, options
Author: s.h.huseby@usit.uio.no (Sverre H. Huseby)
Primary-site: http://www.ifi.uio.no/~sverrehu/pub-unix/
Alternate-site: sunsite.unc.edu/pub/Linux/libs
shhopt-1.1.2.tar.gz
Platforms: Requires ANSI C-compiler.
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1.21 Iodash 4.11.1

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1.22 log4j 1.2.16

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Written by: Philip Hazel  
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 */

[zlib]

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

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

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

/*

---
[edoc, syntax_tools]

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[leex]

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[eldap]

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1.32 react-dom 0.14.6

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1.35 react-split-pane 0.1.37
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1.36 SNMP4J 2.4.1

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1.37 webapp-runner 8.0.33

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1.40 Zlib 1.2.3

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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
Mike Belshe (mbelshe@netscape.com)
Michael Campanella (campanella@stevms.enet.dec.com)

*/

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 */
package org.apache.cassandra.auth;

import java.util.EnumSet;
import java.util.Set;
import com.google.common.collect.ImmutableSet;
import com.google.common.collect.Sets;

/**
 * An enum encapsulating the set of possible permissions that an authenticated user can have on a resource.
 *
 * IAuthorizer implementations may encode permissions using ordinals, so the Enum order must never change order.
 * Adding new values is ok.
 */
public enum Permission
{
    /*
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    * or more contributor license agreements. See the NOTICE file
    * distributed with this work for additional information
    * regarding copyright ownership. The ASF licenses this file
    * to you under the Apache License, Version 2.0 (the
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    * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
    * See the License for the specific language governing permissions and
    * limitations under the License.
    */
    */
}
// schema and role management
// CREATE, ALTER and DROP permissions granted on an appropriate DataResource are required for
// CREATE KEYSPACE and CREATE TABLE.
// ALTER KEYSPACE, ALTER TABLE, CREATE INDEX and DROP INDEX require ALTER permission on the
// relevant DataResource.
// DROP KEYSPACE and DROP TABLE require DROP permission.
// In the context of Role management, these permissions may also be granted on a RoleResource.
// CREATE is only granted on the root-level role resource, and is required to create new roles.
// ALTER & DROP may be granted on either the root-level role resource, giving permissions on
// all roles, or on specific role-level resources.
CREATE,
ALTER,
DROP,

// data access
SELECT, // required for SELECT on a table
MODIFY, // required for INSERT, UPDATE, DELETE, TRUNCATE on a DataResource.

// permission management
AUTHORIZE, // required for GRANT and REVOKE of permissions or roles.

DESCRIBE, // required on the root-level RoleResource to list all Roles

// UDF permissions
EXECUTE; // required to invoke any user defined function or aggregate

public static final Set<Permission> ALL =
    Sets.immutableEnumSet(EnumSet.range(Permission.CREATE, Permission.EXECUTE));
public static final Set<Permission> NONE = ImmutableSet.of();
}
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===============================================================================
The inverse error function implementation in the Erf class is based on CUDA
code developed by Mike Giles, Oxford-Man Institute of Quantitative Finance,
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when it starts in an interactive mode:

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necessary. Here is a sample; alter the names:

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2.15 coreutils 8.26-3

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<OL TYPE="a">

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```
VAR> one line to give the program's name and an idea of what it does.
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```

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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
```

The hypothetical commands `<SAMP>`show w'</SAMP> and `<SAMP>`show c'</SAMP> should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `<SAMP>`show w'</SAMP> and `<SAMP>`show c'</SAMP>; they could even be mouse-clicks or menu items--whatever suits your program.

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

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

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

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medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
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</PRE>

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2.18 cyrus-sasl 2.1.27~101-g0780600+dfsg-3

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2.23 dumb-init 1.2.0-1

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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

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May 22, 2015

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The code for the t-digest was originally authored by Ted Dunning

A number of small but very helpful changes have been contributed by Adrien Grand (https://github.com/jpountz)

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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It is currently developed by a community of developers, as well as supported
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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##
* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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May 22, 2015

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

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Protocol Buffers for Go with Gadgets

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2.26 expat 2.2.0-2+deb9u1

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### 2.27 gcc-6 6.3.0-18

#### 2.27.1 Available under license:

This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, Fortran 95, Java, Objective-C, Objective-C++, and Treelang compilers, documentation, and support libraries. In addition, Debian provides the gdc compiler, either in the same source package, or built from a separate same source package. Packaging is done by the Debian GCC Maintainers <debian-gcc@lists.debian.org>, with sources obtained from:

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- svn://gcc.gnu.org/svn/gcc/    (for prereleases)
- http://bitbucket.org/goshawk/gdc  (for D)

The current gcc-6 source package is taken from the SVN gcc-6-branch.

Changes: See changelog.Debian.gz

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

<table>
<thead>
<tr>
<th>Language</th>
<th>Compiler package</th>
<th>Library package</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ada</td>
<td>gnat-6</td>
<td>libgnat-6</td>
<td>gnat-6-doc</td>
</tr>
<tr>
<td>C</td>
<td>gcc-6</td>
<td></td>
<td>gcc-6-doc</td>
</tr>
<tr>
<td>C++</td>
<td>g++-6</td>
<td>libstdc++6</td>
<td>libstdc++6-6-doc</td>
</tr>
<tr>
<td>D</td>
<td>gdc-6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fortran 95</td>
<td>gfortran-6</td>
<td>libgfortran3</td>
<td>gfortran-6-doc</td>
</tr>
<tr>
<td>Go</td>
<td>gccgo-6</td>
<td>libgo0</td>
<td></td>
</tr>
<tr>
<td>Java</td>
<td>gcj-6</td>
<td>libgcj10</td>
<td>libgcj-doc</td>
</tr>
<tr>
<td>Objective C</td>
<td>goobjc-6</td>
<td>libobjc2</td>
<td></td>
</tr>
<tr>
<td>Objective C++</td>
<td>goobjc++-6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

<table>
<thead>
<tr>
<th>Language</th>
<th>Sources</th>
<th>Development</th>
<th>Debugging</th>
<th>Position-Independent</th>
</tr>
</thead>
<tbody>
<tr>
<td>C++</td>
<td>libstdc++-6-dbgs libstdc++-6-pic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>libphobos-6-dev</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Java</td>
<td>libgcj10-src libgcj10-dev libgcj10-dbg</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional packages include:
All languages:
libgcc1, libgcc2, libgcc4 GCC intrinsics (platform-dependent)
gcc-6-base Base files common to all compilers
gcc-6-soft-float Software floating point (ARM only)
gcc-6-source The sources with patches

Ada:
libgnatvsn-dev, libgnatvsn6 GNAT version library
libgnatprj-dev, libgnatprj6 GNAT Project Manager library

C:
cpp-6, cpp-6-doc GNU C Preprocessor
libssp0-dev, libssp0 GCC stack smashing protection library
libquadmath0 Math routines for the __float128 type
fixincludes Fix non-ANSI header files

Java:
gij The Java bytecode interpreter and VM
libgcj-common Common files for the Java run-time
libgcj10-awt The Abstract Windowing Toolkit
libgcj10-jar Java ARchive for the Java run-time

C, C++ and Fortran 95:
libomp1-dev, libomp1GCC OpenMP (GOMP) support library
libitm1-dev, libitm1GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can also run 64-bit code, Debian provides additional packages with names beginning with 'lib64' instead of 'lib'. These packages contain 64-bit versions of the libraries. (At this time, not all platforms and not all libraries support biarch.) The license terms for these lib32 or lib64 packages are identical to the ones for the lib packages.

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- libatomic
- libdecnumber
- libgomp
- libibitm
- libssp
- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-6 Ada support library and libgnatvsn library.
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Written by Tobias Burnus <burnus@net-b.de>

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atanq.c, expm1q.c, j0q.c, j1q.c, log1pq.c, logq.c:

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coshq.c, erfq.c, jnq.c, lgammaq.c, powq.c, roundq.c:

Changes for 128-bit __float128 are

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ldexpq.c:
* Conversion to long double by Ulrich Drepper,
* Cygnus Support, drepper@cygnus.com.

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D:
gdc-6 GNU D Compiler
libphobos-6-dev D standard runtime library

The D source package is made up of the following components.

The D front-end for GCC:
- d/*

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The DMD Compiler implementation of the D programming language:
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The Zlib data compression library:
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The Phobos standard runtime library:
   - d/phobos/*

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This is the Debian GNU/Linux prepackaged version of the GNU compiler
collection, containing Ada, C, C++, Fortran 95, Java, Objective-C,
Objective-C++, and Treelang compilers, documentation, and support
libraries. In addition, Debian provides the gdc compiler, either in
the same source package, or built from a separate same source package.
Packaging is done by the Debian GCC Maintainers
<debian-gcc@lists.debian.org>, with sources obtained from:

ftp://gcc.gnu.org/pub/gcc/releases/ (for full releases)
svn://gcc.gnu.org/svn/gcc/ (for prereleases)
http://bitbucket.org/goshawk/gdc (for D)

The current gcc-@BV@ source package is taken from the SVN @SVN_BRANCH@.

Changes: See changelog.Debian.gz

Debian splits the GNU Compiler Collection into packages for each language,
library, and documentation as follows:

<table>
<thead>
<tr>
<th>Language</th>
<th>Compiler package</th>
<th>Library package</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ada</td>
<td>gnat-@BV@</td>
<td>libgnat-@BV@</td>
<td>gnat-@BV@-doc</td>
</tr>
<tr>
<td>C</td>
<td>gcc-@BV@</td>
<td>gcc-@BV@-doc</td>
<td></td>
</tr>
<tr>
<td>C++</td>
<td>g++-@BV@</td>
<td>libstdc++6</td>
<td>libstdc++6-@BV@-doc</td>
</tr>
<tr>
<td>D</td>
<td>gdc-@BV@</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fortran 95</td>
<td>gfortran-@BV@</td>
<td>libgfortran3</td>
<td>gfortran-@BV@-doc</td>
</tr>
<tr>
<td>Go</td>
<td>gccgo-@BV@</td>
<td>libgo0</td>
<td></td>
</tr>
<tr>
<td>Java</td>
<td>gcj-@BV@</td>
<td>libgcj10</td>
<td>libgcj-doc</td>
</tr>
<tr>
<td>Objective C</td>
<td>gobjc-@BV@</td>
<td>libobjc2</td>
<td></td>
</tr>
<tr>
<td>Objective C++</td>
<td>gobjc++-@BV@</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For some language run-time libraries, Debian provides source files,
development files, debugging symbols and libraries containing position-
independent code in separate packages:

<table>
<thead>
<tr>
<th>Language</th>
<th>Sources</th>
<th>Development</th>
<th>Debugging</th>
<th>Position-Independent</th>
</tr>
</thead>
<tbody>
<tr>
<td>C++</td>
<td>libstdc++6-@BV@-dbg</td>
<td>libstdc++6-@BV@-pic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>libphobos-@BV@-dev</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Java</td>
<td>libgcj10-src</td>
<td>libgcj10-dev</td>
<td>libgcj10-dbg</td>
<td></td>
</tr>
</tbody>
</table>

Additional packages include:

All languages:
libgcc1, libgcc2, libgcc4  GCC intrinsics (platform-dependent)
gcc-@BV@-base  Base files common to all compilers
gcc-@BV@-soft-float  Software floating point (ARM only)
gcc-@BV@-source                  The sources with patches

Ada:
libgnatvsn-dev, libgnatvsn@BV@   GNAT version library
libgnatprj-dev, libgnatprj@BV@   GNAT Project Manager library

C:
cpp-@BV@, cpp-@BV@-doc            GNU C Preprocessor
libssp0-dev, libssp0              GCC stack smashing protection library
libquadmath0                      Math routines for the __float128 type
fixincludes                       Fix non-ANSI header files

Java:
gij                                The Java bytecode interpreter and VM
libgcj-common                      Common files for the Java run-time
libgcj10-awt                       The Abstract Windowing Toolkit
libgcj10-jar                        Java ARchive for the Java run-time

C, C++ and Fortran 95:
libgomp1-dev, libgomp1GCC OpenMP (GOMP) support library
libitm1-dev, libitm1GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can also run 64-bit code, Debian provides additional packages with names beginning with 'lib64' instead of 'lib'. These packages contain 64-bit versions of the libraries. (At this time, not all platforms and not all libraries support biarch.) The license terms for these lib32 or lib64 packages are identical to the ones for the lib packages.

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- libitm
- libssp
- libstdc++-v3
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- libgfortran
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D:

gdc-@BV@ GNU D Compiler
libphobos-@BV@-dev D standard runtime library

The D source package is made up of the following components.

The D front-end for GCC:
- d/*

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The DMD Compiler implementation of the D programming language:
- d/dmd/*

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The Zlib data compression library:
- d/phobos/etc/c/zlib/*

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The Phobos standard runtime library:
- d/phobos/*

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Version 3.1, 31 March 2009

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/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler labels. If we aren't using underscores, we are using prefix `.s' to identify labels that should be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t"  /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS */
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line */
that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE)  
fprintf (FILE, "\t.space HOST_WIDE_INT_PRINT_UNSIGNED\"u\", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line to define a global common symbol. */
#define ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED)  
( fputs (".comm ", (FILE)),
 assemble_name ((FILE), (NAME)),
 fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line to define a local common symbol. */
#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  
( fputs (".lcomm ", (FILE)),
 assemble_name ((FILE), (NAME)),
 fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  
( fputs (".lcomm ", (FILE)),
 assemble_name ((FILE), (NAME)),
 fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line that says to advance the location counter to a multiple of 2**LOG bytes. */
#define ASM_OUTPUT_ALIGN(FILE,LOG)	
if ((LOG)!=0) fprintf ((FILE), 	.align %d\n", (LOG))

/* This is how to store into the string BUF the symbol_ref name of an internal numbered label where PREFIX is the class of label and NUM is the number within the class. This is suitable for output with `assemble_name'. */
#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER)	
sprintf ((BUF), "*%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */
#define USER_LABEL_PREFIX "_"
/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don’t split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0

" Automatically generated by Pod::Man 4.09 (Pod::Simple 3.35)
" Standard preamble:
" ========================================================================
.de Sp " Vertical space (when we can't use .PP)
.if t.sp .5v
.if n.sp
.. .de Vb " Begin verbatim text
.ft CW
.nf
.ne \$1
..
.de Ve " End verbatim text
.ft R
.fi
..
" Set up some character translations and predefined strings. \*(- will
" give an unbreakable dash, \*(PI will give pi, \*(L" will give a left
" double quote, and \*(R" will give a right double quote. \*(C+ will
" give a nicer C++. Capital omega is used to do unbreakable dashes and
" therefore won't be available. \*(C` and \*(C' expand to `" in nroff,
" nothing in troff, for use with C<>.
.tr \(*W-
.ds C+ CV-1v\hi-1p'+\s-2+h\hi-1p'+s0v'.1v\hi-1p'
.ie n{\n  . ds -- \(*W-
  . ds PI pi
  . if (n.H=4u)&(1m=24u) .ds -- \(*W\hi-12u\(*W\hi-12u-\c" diablo 10 pitch
  . if (n.H=4u)&(1m=20u) .ds -- \(*W\hi-12u\(*W\hi-8u\c" diablo 12 pitch
  . ds L" "
  . ds R" "
  . ds C" "
  . ds C" "
}br} .el{\n  . ds -- \(em\}
  . ds PI \(p
  . ds L" "
  . ds R" "
  . ds C"
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@end enumerate

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@smallexample
@var{one line to give the program's name and a brief idea of what it does.}
Copyright (C) @var{year} @var{name of author}
@end smallexample

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@end smallexample

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notice like this when it starts in an interactive mode:

```example```
@smallexample
@var{program} Copyright (C) @var{year} @var{name of author}
This program comes with ABSOLUTELY NO WARRANTY; for details type @samp{show w}.
This is free software, and you are welcome to redistribute it
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@end smallexample

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

HISTORY -

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

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

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

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). 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(age@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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#!/usr/bin/python
#
# Copyright (C) 2013-2016 Free Software Foundation, Inc.
#
# This script is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 3, or (at your option)
# any later version.

# This script adjusts the copyright notices at the top of source files
# so that they have the form:
#
#   Copyright XXXX-YYYY Free Software Foundation, Inc.
#
# It doesn't change code that is known to be maintained elsewhere or
# that carries a non-FSF copyright.
#
# The script also doesn't change testsuite files, except those in
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite,
# while most tests in other directories are just things that failed at some
# point in the past.
#
# Pass --this-year to the script if you want it to add the current year
# to all applicable notices. Pass --quilt if you are using quilt and
# want files to be added to the quilt before being changed.
#
# By default the script will update all directories for which the
# output has been vetted. You can instead pass the names of individual
# directories, including those that haven't been approved. So:
#
#   update-copyright.pl --this-year
#
# is the command that would be used at the beginning of a year to update
# all copyright notices (and possibly at other times to check whether
# new files have been added with old years). On the other hand:
#
#   update-copyright.pl --this-year libjava
# would run the script on just libjava/.
#
# Note that things like --version output strings must be updated before
# this script is run. There's already a separate procedure for that.

import os
import re
import sys
import time
import subprocess

class Errors:
    def __init__(self):
        self.num_errors = 0

    def report(self, filename, string):
        if filename:
            string = filename + ': ' + string
        sys.stderr.write(string + 'n')
        self.num_errors += 1

    def ok(self):
        return self.num_errors == 0

class GenericFilter:
    def __init__(self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
        self.fossilised_files = set()
        self.own_files = set()

        self.skip_files |= set(['
            # Skip licence files.
            'COPYING',
            'COPYING.LIB',
            'COPYING3',
            'COPYING3.LIB',
            'LICENSE',
            'fdl.texi',
            'gpl_v3.texi',
            'fdl-1.3.xml',
            'gpl-3.0.xml',

            # Skip auto- and libtool-related files
            'aclocal.m4',
            'compile',
            ','])

#
def get_line_filter(self, dir, filename):
    if filename.startswith('ChangeLog'):
        # Ignore references to copyright in changelog entries.
        return re.compile(r'^\t')
    return None

def skip_file(self, dir, filename):
    if filename in self.skip_files:
        return True
    (base, extension) = os.path.splitext(os.path.join(dir, filename))
    if extension in self.skip_extensions:
        return True
    if extension == '.in':
        # Skip .in files produced by automake.
        if os.path.exists(base + '.am'):
            return True

# Skip FSF mission statement, etc.
'gnu.texi',
'funding.texi',
'appendix_free.xml',

# Skip imported texinfo files.
'texinfo.tex',
)

def get_line_filter(self, dir, filename):
    if filename.startswith('ChangeLog'):
        # Ignore references to copyright in changelog entries.
        return re.compile(r'^\t')
    return None

def skip_file(self, dir, filename):
    if filename in self.skip_files:
        return True
    (base, extension) = os.path.splitext(os.path.join(dir, filename))
    if extension in self.skip_extensions:
        return True
    if extension == '.in':
        # Skip .in files produced by automake.
        if os.path.exists(base + '.am'):
            return True
# Skip files produced by autogen
if (os.path.exists (base + '.def')
    and os.path.exists (base + '.tpl')):
    return True

# Skip configure files produced by autoconf
if filename == 'configure':
    if os.path.exists (base + '.ac'):
        return True
    if os.path.exists (base + '.in'):
        return True
return False

def skip_dir (self, dir, subdir):
    return subdir in self.skip_dirs

def is_fossilised_file (self, dir, filename):
    if filename in self.fossilised_files:
        return True
    # Only touch current current ChangeLogs.
    if filename != 'ChangeLog' and filename.find ('ChangeLog') >= 0:
        return True
    return False

def by_package_author (self, dir, filename):
    return filename in self.own_files

class Copyright:
    def __init__ (self, errors):
        self.errors = errors

        # Characters in a range of years. Include '.' for typos.
        ranges = '[0-9][\-0-9,\s\s+\s+]\[0-9\]'

        # Non-whitespace characters in a copyright holder's name.
        name = '\[\w,.-\]'

        # Matches one year.
        self.year_re = re.compile ('[0-9]+')

        # Matches part of a year or copyright holder.
        self.continuation_re = re.compile (ranges + '|' + name)

        # Matches a full copyright notice:
        self.copyright_re = re.compile (\n            # 1: 'Copyright (C)', etc.
            '([Cc]opyright'
# 2: the years. Include the whitespace in the year, so that
# we can remove any excess.
'(\s*\(?\.' + ranges + '\.\)?
'[@value\{"[^{}]*\}]\s*)'

# 3: 'by', if used
'(by\s+)\)?

# 4: the copyright holder. Don't allow multiple consecutive
# spaces, so that right-margin gloss doesn't get caught
# (e.g. gnat_ugn.texi).
'(\+ name + (?!\s? name + )\*)\)?

# A regexp for notices that might have slipped by. Just matching
# 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of
# HTML header markers, so check for 'copyright' and two digits.
self.other_copyright_re = re.compile ('copyright.*[0-9][0-9]',
re.IGNORECASE)

self.comment_re = re.compile('#+|[*]+|;+|%+|//+|@c |dnl ')

self.holders = { '@copying': '@copying' }
self.holder_prefixes = set()

# True to 'quilt add' files before changing them.
self.use_quilt = False

# If set, force all notices to include this year.
self.max_year = None

# Goes after the year(s). Could be ',', '.
self.separator = ','

def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder
    self.holders[holder] = canon_form
    index = holder.find (',')
    while index >= 0:
        self.holder_prefixes.add (holder[:index])
        index = holder.find (',', index + 1)

def add_external_author (self, holder):
class BadYear():
    def __init__(self, year):
        self.year = year
    def __str__(self):
        return 'unrecognised year: ' + self.year
    def parse_year(self, string):
        year = int(string)
        if len(string) == 2:
            if year > 70:
                return year + 1900
        elif len(string) == 4:
            return year
        else:
            raise self.BadYear(string)
    def year_range(self, years):
        year_list = [self.parse_year(year)
                     for year in self.year_re.findall(years)]
        assert len(year_list) > 0
        return (min(year_list), max(year_list))
    def set_use_quilt(self, use_quilt):
        self.use_quilt = use_quilt
    def include_year(self, year):
        assert not self.max_year
        self.max_year = year
    def canonicalise_years(self, dir, filename, filter, years):
        # Leave texinfo variables alone.
        if years.startswith('@value '):
            return years
        (min_year, max_year) = self.year_range(years)
        # Update the upper bound, if enabled.
        if self.max_year and not filter.is_fossilised_file(dir, filename):
            max_year = max(max_year, self.max_year)
        # Use a range.
        if min_year == max_year:
            return '%d' % min_year
        else:
            return '%d-%d' % (min_year, max_year)
def strip_continuation (self, line):
    line = line.lstrip()
    match = self.comment_re.match (line)
    if match:
        line = line[match.end():].lstrip()
    return line

def is_complete (self, match):
    holder = match.group (4)
    return (holder
            and (holder not in self.holder_prefixes
                 or holder in self.holders))

def update_copyright (self, dir, filename, filter, file, line, match):
    orig_line = line
    next_line = None
    pathname = os.path.join (dir, filename)

    intro = match.group (1)
    if intro.startswith ('@set'):
        # Texinfo year variables should always be on one line
        after_years = line[match.end (2):].strip()
        if after_years != ":":
            self.errors.report (pathname,
                                'trailing characters in @set: ' + after_years)
        return (False, orig_line, next_line)
    else:
        # If it looks like the copyright is incomplete, add the next line.
        while not self.is_complete (match):
            try:
                next_line = file.next()
            except StopIteration:
                break
            # If the next line doesn't look like a proper continuation,
            # assume that what we've got is complete.
            continuation = self.strip_continuation (next_line)
            if not self.continuation_re.match (continuation):
                break
            # Merge the lines for matching purposes.
            orig_line += next_line
            line = line.rstrip() + ' ' + continuation
            next_line = None

        # Rematch with the longer line, at the original position.
        match = self.copyright_re.match (line, match.start())
assert match

holder = match.group (4)

# Use the filter to test cases where markup is getting in the way.
if filter.by_package_author (dir, filename):
    assert holder not in self.holders

elif not holder:
    self.errors.report (pathname, 'missing copyright holder')
    return (False, orig_line, next_line)

elif holder not in self.holders:
    self.errors.report (pathname,
                       'unrecognised copyright holder: ' + holder)
    return (False, orig_line, next_line)

else:
    # See whether the copyright is associated with the package
    # author.
    canon_form = self.holders[holder]
    if not canon_form:
        return (False, orig_line, next_line)

    # Make sure the author is given in a consistent way.
    line = (line[:match.start (4)]
            + canon_form
            + line[match.end (4):])

    # Remove any 'by'
    line = line[:match.start (3)] + line[match.end (3):]

    # Update the copyright years.
    years = match.group (2).strip()
    try:
        canon_form = self.canonicalise_years (dir, filename, filter, years)
    except self.BadYear as e:
        self.errors.report (pathname, str (e))
        return (False, orig_line, next_line)

    line = (line[:match.start (2)]
            + ('' if intro.startswith ('copyright = ') else ' ')
            + canon_form + self.separator
            + line[match.end (2):])

    # Use the standard (C) form.
    if intro.endswith ('right'):
        intro += ' (C)'
elif intro.endswith ('(c)'):
    intro = intro[:-3] + '(C)
line = line[:match.start (1)] + intro + line[match.end (1):]

# Strip trailing whitespace
line = line.rstrip() + 

return (line != orig_line, line, next_line)

def process_file (self, dir, filename, filter):
    pathname = os.path.join (dir, filename)
if filename.endswith ('.tmp'):
    # Looks like something we tried to create before.
    try:
        os.remove (pathname)
    except OSError:
        pass
    return
lines = []
changed = False
line_filter = filter.get_line_filter (dir, filename)
with open (pathname, 'r') as file:
    prev = None
    for line in file:
        while line:
            next_line = None
            # Leave filtered-out lines alone.
            if not (line_filter and line_filter.match (line)):
                match = self.copyright_re.search (line)
                if match:
                    res = self.update_copyright (dir, filename, filter,
                                                 file, line, match)
                    (this_changed, line, next_line) = res
                    changed = changed or this_changed
            # Check for copyright lines that might have slipped by.
            elif self.other_copyright_re.search (line):
                self.errors.report (pathname,
                                    'unrecognised copyright: %s'
                                    % line.strip())
                lines.append (line)
            line = next_line

    # If something changed, write the new file out.
    if changed and self.errors.ok():
        tmp_pathname = pathname + '.tmp'
        with open (tmp_pathname, 'w') as file:
for line in lines:
    file.write (line)
if self.use_quilt:
    subprocess.call (['quilt', 'add', pathname])
os.rename (tmp_pathname, pathname)

def process_tree (self, tree, filter):
    for (dir, subdirs, filenames) in os.walk (tree):
        # Don't recurse through directories that should be skipped.
        for i in xrange (len (subdirs) - 1, -1, -1):
            if filter.skip_dir (dir, subdirs[i]):
                del subdirs[i]

        # Handle the files in this directory.
        for filename in filenames:
            if filter.skip_file (dir, filename):
                sys.stdout.write ('Skipping %s
' % os.path.join (dir, filename))
            else:
                self.process_file (dir, filename, filter)

class CmdLine:
    def __init__ (self, copyright = Copyright):
        self.errors = Errors()
        self.copyright = copyright (self.errors)
        self.dirs = []
        self.default_dirs = []
        self.chosen_dirs = []
        self.option_handlers = dict()
        self.option_help = []
        self.add_option ('--help', 'Print this help', self.o_help)
        self.add_option ('--quilt', '"quilt add" files before changing them',
                         self.o_quilt)
        self.add_option ('--this-year', 'Add the current year to every notice',
                         self.o_this_year)

def add_option (self, name, help, handler):
    self.option_help.append ((name, help))
    self.option_handlers[name] = handler

def add_dir (self, dir, filter = GenericFilter()):
    self.dirs.append ((dir, filter))

def o_help (self, option = None):
    sys.stdout.write ('Usage: %s [options] dir1 dir2...
' % sys.argv[0])
    'Options:
    format = '%%-15s %s
'
for (what, help) in self.option_help:
    sys.stdout.write (format % (what, help))
sys.stdout.write ('nDirectories:n')

format = '%-25s'
i = 0
for (dir, filter) in self.dirs:
i += 1
    if i % 3 == 0 or i == len (self.dirs):
        sys.stdout.write (dir + 'n')
    else:
        sys.stdout.write (format % dir)
sys.exit (0)

def o_quilt (self, option):
    self.copyright.set_use_quilt (True)

def o_this_year (self, option):
    self.copyright.include_year (time.localtime().tm_year)

def main (self):
    for arg in sys.argv[1:]:
        if arg[1:] != '-':
            self.chosen_dirs.append (arg)
        elif arg in self.option_handlers:
            self.option_handlers[arg] (arg)
        else:
            self.errors.report (None, 'unrecognised option: ' + arg)
    if self.errors.ok():
        if len (self.chosen_dirs) == 0:
            self.chosen_dirs = self.default_dirs
        if len (self.chosen_dirs) == 0:
            self.o_help()
        else:
            for chosen_dir in self.chosen_dirs:
                canon_dir = os.path.join (chosen_dir, '')
                count = 0
                for (dir, filter) in self.dirs:
                    if (dir + os.sep).startswith (canon_dir):
                        count += 1
                        self.copyright.process_tree (dir, filter)
                if count == 0:
                    self.errors.report (None, 'unrecognised directory: ' + chosen_dir)
                sys.exit (0 if self.errors.ok() else 1)

#---------------------------------------------------------------
class TopLevelFilter (GenericFilter):
    def skip_dir (self, dir, subdir):
        return True

class ConfigFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

    def skip_file (self, dir, filename):
        if filename.endswith ('.m4'):
            pathname = os.path.join (dir, filename)
            with open (pathname) as file:
                # Skip files imported from gettext.
                if file.readline().find ('gettext-') >= 0:
                    return True

        return GenericFilter.skip_file (self, dir, filename)

class GCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_files |= set (['
            # Not part of GCC
            'math-68881.h',
        ])

        self.skip_dirs |= set (['
            # Better not create a merge nightmare for the GNAT folks.
            'ada',

            # Handled separately.
            'testsuite',
        ])

        self.skip_extensions |= set (['
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

        self.fossilised_files |= set (['
            # Old news won't be updated.
            'ONEWS',
        ])

class TestsuiteFilter (GenericFilter):
def __init__(self):
    GenericFilter.__init__(self)

    self.skip_extensions |= set([
        # Don't change the tests, which could be woend by anyone.
        '.c',
        '.C',
        '.cc',
        '.h',
        '.hs',
        '.f',
        '.f90',
        '.go',
        '.inc',
        '.java',
    ])

def skip_file(self, dir, filename):
    # g++.niklas/README contains historical copyright information
    # and isn't updated.
    if filename == 'README' and os.path.basename(dir) == 'g++.niklas':
        return True
    return GenericFilter.skip_file(self, dir, filename)

class LibCppFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_extensions |= set([
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

class LibGCCFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set([
            # Imported from GLIBC.
            'soft-fp',
        ])

class LibJavaFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)
self.skip_dirs |= set([
    # Handled separately.
    'testsuite',
    
    # Not really part of the library
    'contrib',
    
    # Imported from upstream
    'classpath',
    'libltdl',
])

def get_line_filter(self, dir, filename):
    if filename == 'NameDecoder.h':
        return re.compile('.*NAME_COPYRIGHT')
    if filename == 'ICC_Profile.h':
        return re.compile('.*icSigCopyrightTag')
    return GenericFilter.get_line_filter(self, dir, filename)

class LibMudflapFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set([
            # Handled separately.
            'testsuite',
        ])

class LibStdCxxFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_files |= set([
            # Contains no copyright of its own, but quotes the GPL.
            'intro.xml',
        ])

        self.skip_dirs |= set([
            # Contains automatically-generated sources.
            'html',

            # The testsuite data files shouldn't be changed.
            'data',

            # Contains imported images
            'images',
        ])
self.own_files |= set([
    # Contains markup around the copyright owner.
    'spine.xml',
])

def get_line_filter(self, dir, filename):
    if filename == 'boost_concept_check.h':
        return re.compile('// (C) Copyright Jeremy Siek')
    return GenericFilter.get_line_filter(self, dir, filename)

class GCCCopyright(Copyright):
def __init__(self, errors):
    Copyright.__init__(self, errors)

canon_fsf = 'Free Software Foundation, Inc.'
self.add_package_author('Free Software Foundation', canon_fsf)
self.add_package_author('Free Software Foundation', canon_fsf)
self.add_package_author('Free Software Foundation Inc.', canon_fsf)
self.add_package_author('Free Software Foundation, Inc', canon_fsf)
self.add_package_author('Free Software Foundation, Inc.', canon_fsf)
self.add_package_author('The Free Software Foundation', canon_fsf)
self.add_package_author('The Free Software Foundation, Inc.', canon_fsf)
self.add_package_author('Software Foundation, Inc.', canon_fsf)

self.add_external_author('ARM')
self.add_external_author('AdaCore')
self.add_external_author('Ami Tavory and Vladimir Dreizin, IBM-HRL.')
self.add_external_author('Cavium Networks.')
self.add_external_author('Faraday Technology Corp.')
self.add_external_author('Florida State University')
self.add_external_author('Greg Colvin and Beman Dawes.')
self.add_external_author('Hewlett-Packard Company')
self.add_external_author('Information Technology Industry Council.')
self.add_external_author('James Theiler, Brian Gough')
self.add_external_author('Makoto Matsumoto and Takuji Nishimura')
self.add_external_author('National Research Council of Canada.')
self.add_external_author('NVIDIA Corporation')
self.add_external_author('Peter Dimov and Multi Media Ltd.')
self.add_external_author('Peter Dimov')
self.add_external_author('Pipeline Associates, Inc.')
self.add_external_author('Regents of the University of California.')
self.add_external_author('Silicon Graphics Computer Systems, Inc.')
self.add_external_author('Silicon Graphics')
self.add_external_author('Stephen L. Moshier')
self.add_external_author('Sun Microsystems, Inc. All rights reserved.')
self.add_external_author('The Go Authors. All rights reserved.')
self.add_external_author('The Go Authors. All rights reserved.')
class GCCCmdLine (CmdLine):
    def __init__ (self):
        CmdLine.__init__(self, GCCCopyright)

        self.add_dir ('.', TopLevelFilter())
        # boehm-gc is imported from upstream.
        self.add_dir ('config', ConfigFilter())
        # contrib isn't really part of GCC.
        self.add_dir ('fixincludes')
        self.add_dir ('gcc', GCCFilter())
        self.add_dir (os.path.join ('gcc', 'testsuite'), TestsuiteFilter())
        self.add_dir ('gnattools')
        self.add_dir ('include')
        self.add_dir ('libada')
        self.add_dir ('libatomic')
        self.add_dir ('libbacktrace')
        self.add_dir ('libcpp', LibCppFilter())
        self.add_dir ('libdecnumber')
        # libffi is imported from upstream.
        self.add_dir ('libgcc', LibGCCFilter())
        self.add_dir ('libgfortran')
        self.add_dir ('libgomp')
        self.add_dir ('libiberty')
        self.add_dir ('libitm')
        self.add_dir ('libjava', LibJavaFilter())
        self.add_dir (os.path.join ('libjava', 'testsuite'), TestsuiteFilter())
        self.add_dir ('libmudflap', LibMudflapFilter())
        self.add_dir (os.path.join ('libmudflap', 'testsuite'),
                    TestsuiteFilter())
        self.add_dir ('libobjc')
        self.add_dir ('libquadmath')
        # libsanitiser is imported from upstream.
        self.add_dir ('libssp')
        self.add_dir (os.path.join ('libstdc++-v3', LibStdCxxFilter()))
        self.add_dir ('libvtv')
        self.add_dir ('lto-plugin')
        # zlib is imported from upstream.

        self.default_dirs = [
            'gcc',
            'libada',
            'libatomic',
            'libbacktrace',
            ...]
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Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than
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#define __gnu_javax_sound_AudioSecurityManager$Permission__

#pragma interface

#include <java/lang/Enum.h>
#include <gcj/array.h>

extern "Java"
{
    namespace gnu
    {
        namespace java
        {
            namespace sound
            {
                class AudioSecurityManager$Permission;
            }
        }
    }
}

class gnu::javax::sound::AudioSecurityManager$Permission : public ::java::lang::Enum
{
    AudioSecurityManager$Permission(::java::lang::String *, jint);
public:
    static ::JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * values();
    static ::gnu::javax::sound::AudioSecurityManager$Permission * valueOf(::java::lang::String *);
    static ::gnu::javax::sound::AudioSecurityManager$Permission * PLAY;
    static ::gnu::javax::sound::AudioSecurityManager$Permission * RECORD;
    static ::gnu::javax::sound::AudioSecurityManager$Permission * ALL;
private:
    static ::JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * ENUM$VALUES;
public:
    static ::java::lang::Class class$;
};
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*m4/ax_func_which_gethostbyname_r.m4

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<init>(Ljava/lang/String;I)V
LineNumberTableLocalVariableTable
thisvalues4oLgnu/javasound/AudioSecurityManager$Permission;
$&%java/lang/System'( arraycopy*Ljava/lang/Object;ILjava/lang/Object;II)VvalueOfE(Ljava/lang/String;)gLgnu/javasound/AudioSecurityManager$Permission;
).5(Ljava/lang/Class:Ljava/lang/String;)Ljava/lang/Enum;
SourceFileAudioSecurityManager.java
SignatureCLjava/lang/Enum<Lgnu/javasound/AudioSecurityManager$Permission;>;InnerClasses4$gnu/javasound/AudioSecurityManager
Permission@1@@@

eAYYYYSYSYSYS
GE
1*+E !'
6YK*Y<YM#,)*
*
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1java/security/acl/Permissionjava/lang/Objectequals(Ljava/lang/Object;)Ljava/lang/String;
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1java/security/Permissionjava/lang/Objectjava/security/Guardjava/io/SerializableserialVersionUIDJ
ConstantValue?(WQ~nameLjava/lang/String;<init>(Ljava/lang/String;)VCode
());LineNumberTableLocalVariableTablethisLjava/security/Permission;
checkGuard(Ljava/lang/Object;)V
! java/lang/System"#getSecurityManager()Ljava/lang/SecurityManager;
%&java/lang/SecurityManager()checkPermission(Ljava/security/Permission;)VobjLjava/lang/Object;smLjava/lang/
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package gnu.classpath.tools.taglets;

import java.util.Map;

import com.sun.tools.doclets.Taglet;

import com.sun.javadoc.Tag;

/**
 * A simple Taglet which handles Copyright information.
 */
public class CopyrightTaglet implements Taglet {

    private static final String NAME = "copyright";
    private static final String HEADER = "Copyright:"

    public String getName() {
        return NAME;
    }

    public boolean inField() {
        return true;
    }

    public boolean inConstructor() {
        return true;
    }

    public boolean inMethod() {
        return true;
    }

    public boolean inOverview() {
        return true;
    }

    public boolean inPackage() {
        return true;
    }
}
public boolean inType() {  
    return true;
  }

public boolean isInlineTag() {  
    return false;
  }

public static void register(Map tagletMap) {  
    CopyrightTaglet copyrightTaglet = new CopyrightTaglet();  
    tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
  }

public String toString(Tag tag) {  
    return toString(new Tag[] { tag });
  }

public String toString(Tag[] tags) {  
    if (tags.length == 0) {  
        return null;
    }  
    else {  
        boolean haveValidTag = false;
        for (int i = 0; i < tags.length && !haveValidTag; ++i) {  
            if (tags[i].text().length() > 0) {  
                haveValidTag = true;
            }
        }
        if (haveValidTag) {  
            StringBuffer result = new StringBuffer();  
            result.append("<dl>");
            for (int i = 0; i < tags.length; i++) {  
                if (tags[i].text().length() > 0) {  
                    result.append("<dt><i>Copyright ® " + tags[i].text() + "</i></dt>");
                }
            }
            result.append("</dl>");  
            return result.toString();
        }  
        else {  
            return null;
        }
    }
  }
/* Permission.java -- The superclass for all permission objects

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Permission.java -- The superclass for all permission objects

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package java.security;

import gnu.java.lang.CPStringBuilder;

import java.io.Serializable;

/**
 * This class is the abstract superclass of all classes that implement
 * the concept of a permission. A permission consists of a permission name
 * and optionally a list of actions that relate to the permission. The
 * actual meaning of the name of the permission is defined only in the
 * context of a subclass. It may name a resource to which access permissions
 * are granted (for example, the name of a file) or it might represent
 * something else entirely. Similarly, the action list only has meaning
 * within the context of a subclass. Some permission names may have no
 * actions associated with them. That is, you either have the permission
 * or you don't.
 *<p>The most important method in this class is <code>implies</code>. This
 * checks whether if one has this permission, then the specified
 * permission is also implied. As a conceptual example, consider the
 * permissions "Read All Files" and "Read File foo". The permission
 * "Read All Files" implies that the caller has permission to read the
 * file foo.
 *<p><code>Permission</code>'s must be immutable - do not change their
 * state after creation.
 *<p>@author Aaron M. Renn (arenn@urbanophile.com)
public abstract class Permission implements Guard, Serializable {
        /**
         * Compatible with JDK 1.1+
         */
        private static final long serialVersionUID = -5636570222231596674L;

        /**
         * This is the name assigned to this permission object.
         *
         * @serial the name of the permission
         */
        private String name;

        /**
         * Create an instance with the specified name.
         *
         * @param name the permission name
         */
        public Permission(String name) {
                this.name = name;
        }

        /**
         * This method implements the <code>Guard</code> interface for this class.
         * It calls the <code>checkPermission</code> method in <code>SecurityManager</code> with this <code>Permission</code> as its argument. This method returns silently if the security check succeeds or throws an exception if it fails.
         *
         * @param obj the <code>Object</code> being guarded - ignored by this class
         * @throws SecurityException if the security check fails
         * @see GuardedObject
         * @see SecurityManager#checkPermission(Permission)
         */
        public void checkGuard(Object obj) {
                SecurityManager sm = System.getSecurityManager();
                if (sm != null)
                        sm.checkPermission(this);
        }
/**
 * This method tests whether this <code>Permission</code> implies that the
 * specified <code>Permission</code> is also granted.
 *
 * @param perm the <code>Permission</code> to test against
 * @return true if perm is implied by this
 */
public abstract boolean implies(Permission perm);

/**
 * Check to see if this object equals obj. Use <code>implies</code>, rather
 * than <code>equals</code>, when making access control decisions.
 *
 * @param obj the object to compare to
 */
public abstract boolean equals(Object obj);

/**
 * This method returns a hash code for this <code>Permission</code>. It
 * must satisfy the contract of <code>Object.hashCode</code>: it must be
 * the same for all objects that equals considers to be the same.
 *
 * @return a hash value
 */
public abstract int hashCode();

/**
 * Get the name of this <code>Permission</code>.
 *
 * @return the name
 */
public final String getName()
{
    return name;
}

/**
 * This method returns the list of actions for this <code>Permission</code>
 * as a <code>String</code>. The string should be in canonical order, for
 * example, both <code>new FilePermission(f, "write,read")</code> and
 * <code>new FilePermission(f, "read,write")</code> have the action list
 * "read,write".
 *
 * @return the action list for this <code>Permission</code>
 */
public abstract String getActions();

/**
* This method returns an empty <code>PermissionCollection</code> object
* that can store permissions of this type, or <code>null</code> if no
* such collection is defined. Subclasses must override this to provide
* an appropriate collection when one is needed to accurately calculate
* <code>implies</code>.
*
* @return a new <code>PermissionCollection</code>
*/
public PermissionCollection newPermissionCollection()
{
    return null;
}

/**
 * This method returns a <code>String</code> representation of this
 * <code>Permission</code> object. This is in the format:
 * <code>‘( + getClass().getName() + ‘ ‘ + getName() + ‘ ‘ + getActions
 * + ‘)’</code>.
 *
 * @return this object as a <code>String</code>
*/
public String toString()
{
    CPStringBuilder string = new CPStringBuilder();

    string = string.append('(');
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());

    if (!(getActions().equals("")))
    {
        string = string.append(' ');  
        string = string.append(getActions());
    }

    string = string.append(')');
    return string.toString();
}
} // class Permission

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package java.security.acl;

/**
 * This interface provides information about a permission that can be
 * granted. Note that this is <em>not</em> the same as the class
 * <code>java.security.Permission</code>.
 * @version 0.0
 * @author Aaron M. Renn (arenn@urbanophile.com)
 */
public interface Permission
{
/**
 * This method tests whether or not a specified <code>Permission</code>
 * (passed as an <code>Object</code>) is the same as this permission.
 * @param perm The permission to check for equality
 * */
boolean equals (Object perm);

/**
 * This method returns this Permission as a String.
 *
 * @return A String representing this permission.
 */

String toString();

#include <java/lang/Object.h>
extern "Java"
{
namespace java
{
namespace security
{
    class Permission;
    class PermissionCollection;
}
}
}

class java::security::Permission : public java::lang::Object
{
public:
    Permission(::java::lang::String *);
    virtual void checkGuard(::java::lang::Object *);
    virtual jboolean implies(::java::security::Permission *) = 0;
    virtual jboolean equals(::java::lang::Object *) = 0;
    virtual jint hashCode() = 0;
    virtual ::java::lang::String * getName();
    virtual ::java::lang::String * getActions() = 0;
    virtual ::java::security::PermissionCollection * newPermissionCollection();
    virtual ::java::lang::String * toString();
private:
    static const jlong serialVersionUID = -5636570222231596674LL;
    ::java::lang::String * __attribute__((aligned(__alignof__(::java::lang::Object)))) name;
public:
    static ::java::lang::Class class$;
};

#if !defined(__java_security_Permission__)
// DO NOT EDIT THIS FILE - it is machine generated - *- c++ -*-

#ifndef __java_security_acl_Permission__
#define __java_security_acl_Permission__

#pragma interface

#include <java/lang/Object.h>
extern "Java"
{
namespace java
{

#endif // __java_security_acl_Permission__

// DO NOT EDIT THIS FILE - it is machine generated - *- c++ -*-

#endif // __java_security_acl_Permission__
namespace security
{
    namespace acl
    {
        class Permission;
    }
}
}

class java::security::acl::Permission : public ::java::lang::Object
{
public:
    virtual jboolean equals(::java::lang::Object *) = 0;
    virtual ::java::lang::String * toString() = 0;
    static ::java::lang::Class class$;
} __attribute__ ((java_interface));
#endif // __java_security_acl_Permission__

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2.28 gdbm 1.8.3-14

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* DNS resolver (dirmngr/dns.c)

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only if you received the object code with such an offer, in accord
with subsection 6b.

d) Convey the object code by offering access from a designated
place (gratis or for a charge), and offer equivalent access to the
Corresponding Source in the same way through the same place at no
further charge. You need not require recipients to copy the
Corresponding Source along with the object code. If the place to
copy the object code is a network server, the Corresponding Source
may be on a different server (operated by you or a third party)
that supports equivalent copying facilities, provided you maintain
clear directions next to the object code saying where to find the
Corresponding Source. Regardless of what server hosts the
Corresponding Source, you remain obligated to ensure that it is
available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided
you inform other peers where the object code and Corresponding
Source of the work are being offered to the general public at no
charge under subsection 6d.

A separable portion of the object code, whose source code is excluded
from the Corresponding Source as a System Library, need not be
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2.33 grep 2.27-2

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

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must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

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

5. A program that contains no derivative of any portion of the
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However, linking a "work that uses the Library" with the Library
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library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

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

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

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

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

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

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e) Verify that the user has already received a copy of these
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HAPROXY's license - 2006/06/15

Historically, haproxy has been covered by GPL version 2. However, an issue appeared in GPL which will prevent external non-GPL code from being built using the headers provided with haproxy. My long-term goal is to build a core system able to load external modules to support specific application protocols.

Since some protocols are found in rare environments (finance, industry, ...), some of them might be accessible only after signing an NDA. Enforcing GPL on such modules would only prevent them from ever being implemented, while not providing anything useful to ordinary users.

For this reason, I *want* to be able to support binary only external modules when needed, with a GPL core and GPL modules for standard protocols, so that people fixing bugs don't keep them secretly to try to stay over competition.

The solution was then to apply the LGPL license to the exportable include files, while keeping the GPL for all the rest. This way, it still is mandatory to redistribute modified code under customer request, but at the same time, it is expressly permitted to write, compile, link and load non-GPL code using the LGPL header files and not to distribute them if it causes a legal problem.

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2.40 keyutils 1.5.9 :1
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2.41 kibana 5.5.1

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const describeInvalidLicenses = getInvalid => pkg => (  
  ${pkg.name}  
  version: ${pkg.version}  
  all licenses: ${pkg.licenses}  
  invalid licenses: ${getInvalid(pkg.licenses).join(', ')}  
  path: ${pkg.relative}  
);  

/**  
* When given a list of packages and the valid license  
* options, either throws an error with details about  
* violations or returns undefined.  
*  
* @param {Object} [options={}]  
* @property {Array<Package>} options.packages List of packages to check, see  
*   getInstalledPackages() in ../packages  
* @property {Array<string>} options.validLicenses  
* @return {undefined}  
*/  
export function assertLicensesValid(options = {}) {  
  const {  
    packages,
validLicenses
}] = options;

if (!packages || !validLicenses) {
    throw new Error('packages and validLicenses options are required');
}

const getInvalid = licenses => {
    licenses.filter(license => !validLicenses.includes(license))
};

const isPackageInvalid = pkg => {
    !pkg.licenses.length || getInvalid(pkg.licenses).length > 0
};

const invalidMsgs = packages
    .filter(isPackageInvalid)
    .map(describeInvalidLicenses(getInvalid));

if (invalidMsgs.length) {
    throw new Error(`Non-conforming licenses: ${invalidMsgs.join('')}`);
}
}

export { assertLicensesValid } from './valid';
import { resolve } from 'path';
import expect from 'expect.js';

import { assertLicensesValid } from '../valid';

const NODE_MODULES = resolve(__dirname, '../../../../node_modules');

const PACKAGE = {
    name: '@elastic/httpolyglot',
    version: '0.1.2-elasticpatch1',
    licenses: ['MIT'],
    directory: resolve(NODE_MODULES, '@elastic/httpolyglot'),
    relative: 'node_modules/@elastic/httpolyglot',
};

describe('tasks/lib/licenses', () => {
    describe('assertLicensesValid()', () => {
        it('returns undefined when package has valid license', () => {
            expect(assertLicensesValid(
                packages: [PACKAGE],
                validLicenses: [...PACKAGE.licenses]
            )).to.be(undefined);
        });
    });
});
it('throw an error when the packages license is invalid', () => {
  expect(() => {
    assertLicensesValid(
      packages: [PACKAGE],
      validLicenses: ['not ' + PACKAGE.licenses[0]]
    ).to.throwError(PACKAGE.name);
  });
});

it('throws an error when the package has no licenses', () => {
  expect(() => {
    assertLicensesValid(
      packages: [...
        ...PACKAGE,
        licenses: []
      ]
    ).to.throwError(PACKAGE.name);
  });
});

it('includes the relative path to packages in error message', () => {
  try {
    assertLicensesValid(
      packages: [PACKAGE],
      validLicenses: ['none']
    );
  } catch (error) {
    expect(error.message).to.contain(PACKAGE.relative);
    expect(error.message).to.not.contain(PACKAGE.directory);
  }
});

import licenseChecker from 'license-checker';

export function callLicenseChecker(options = {}) {
  const {
    directory,
    dev = false
  } = options;

  if (!directory) {
    throw new Error('You must specify the directory where license checker should start');
  }

  //remaining code
return new Promise((resolve, reject) => {
  licenseChecker.init({
    start: directory,
    production: !dev,
    json: true,
    customFormat: {
      realPath: true
    }
  }, (licenseInfo, err) => {
    if (err) reject(err);
    else resolve(licenseInfo);
  });
});
}

import { resolve } from 'path';
import { readFileSync } from 'fs';

export function generateNodeNoticeText(nodeDir) {
  const licensePath = resolve(nodeDir, 'LICENSE');
  const license = readFileSync(licensePath, 'utf8');
  return `This product bundles Node.js.

${license}`;
}

import { resolve } from 'path';
import { readFileSync } from 'fs';
import { generatePackageNoticeText } from './package_notice';
import { generateNodeNoticeText } from './node_notice';

const BASE_NOTICE = resolve(__dirname, './base_notice.txt');

/**
 * When given a list of packages and the directory to the
 * node distribution that will be shipping with Kibana,
 * generates the text for NOTICE.txt
 *
 * @param {Object} [options={}]  
 * @property {Array<Package>} options.packages List of packages to check, see
 * getInstalledPackages() in ../packages
 * @property {string} options.nodeDir The directory containing the version of node.js
 * that will ship with Kibana
 * @return {undefined}
 */

export async function generateNoticeText(options = {}) {
  const { packages, nodeDir } = options;

  const packageNotices = await Promise.all(
    packages.map((packageInfo) => generatePackageNoticeText(packageInfo, nodeDir))
  );

  return packageNotices.reduce((acc, notice) => acc + notice, '');
packages.map(generatePackageNoticeText)
);

return [
    readFileSync(BASE_NOTICE, 'utf8'),
    ...packageNotices,
    generateNodeNoticeText(nodeDir),
    ].join('
---
');
}

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---
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---

This product bundles geohash.js which is available under a
"MIT" license. For details, see src/ui/public/utils/decode_geo_hash.js.
export { generateNoticeText } from './notice';
import { resolve } from 'path';
import { readFile } from 'fs';

import { fromNode as fcb } from 'bluebird';
import glob from 'glob';

export async function getBundledNotices(packageDirectory) {
  const pattern = resolve(packageDirectory, '*{LICENSE,NOTICE}*');
  const paths = await fcb(cb => glob(pattern, cb));
  return Promise.all(paths.map(async path => {
    path,
    text: await fcb(cb => readFile(path, 'utf8', cb))
  }));
}
import { resolve } from 'path';
import { readFileSync } from 'fs';

import expect from 'expect.js';

import { generateNoticeText } from './notice';

const NODE_MODULES = resolve(__dirname, '../../../../node_modules');
const NODE_DIR = resolve(process.execPath, '../..');
const PACKAGES = [
  {
    name: '@elastic/httpolyglot',
    version: '0.1.2-elasticpatch1',
    licenses: ['MIT'],
}]
describe('tasks/lib/notice', () => {  
  describe('generateNoticeText()', () => {  
    let notice;
    before(async () => notice = await generateNoticeText({
      packages: PACKAGES,
      nodeDir: NODE_DIR
    }));

    it('returns a string', () => {
      expect(notice).to.be.a('string');
    });

    it('includes *NOTICE* files from packages', () => {
      expect(notice).to.contain(readFileSync(resolve(NODE_MODULES, 'aws-sdk/NOTICE.txt'), 'utf8'));
    });

    it('includes *LICENSE* files from packages', () => {
      expect(notice).to.contain(readFileSync(resolve(NODE_MODULES, '@elastic/httpolyglot/LICENSE'), 'utf8'));
    });

    it('includes the LICENSE file from node', () => {
      expect(notice).to.contain(readFileSync(resolve(NODE_DIR, 'LICENSE'), 'utf8'));
    });

    it('includes the base_notice.txt file', () => {
      expect(notice).to.contain(readFileSync(resolve(__dirname, '../base_notice.txt'), 'utf8'));
    });
  });

  import { getBundledNotices } from './bundled_notices';

  const concatNotices = notices => (  
    notices.map(notice => notice.text).join('
')  
  );

  export async function generatePackageNoticeText(pkg) {
    ...
const bundledNotices = concatNotices(await getBundledNotices(pkg.directory));

const intro = `This product bundles ${pkg.name}@${pkg.version}`;
const license = ` which is available under ${pkg.licenses.length > 1 ? `the
"${pkg.licenses.join('", "')} licenses."
 : `"${pkg.licenses[0]}" license."


const moreInfo = bundledNotices
     ? `\n${bundledNotices}\n`
     : ` For details, see ${pkg.relative}/.`;

return `${intro}${license}${moreInfo}`;

module.exports = function () {
    return {
        options: {
            licenses: [
                '(BSD-2-Clause OR MIT OR Apache-2.0)',
                '(BSD-2-Clause OR MIT)',
                '(MIT AND CC-BY-3.0)',
                '(MIT OR Apache-2.0)',
                'AFLv2.1',
                'Apache 2.0',
                'Apache License, v2.0',
                'Apache',
                'Apache*',
                'Apache, Version 2.0',
                'Apache-2.0',
                'BSD New',
                'BSD',
                'BSD*'
            ],
            ...
'WTFPL OR ISC',
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],
overrides: {
'assert-plus@0.1.5': ['MIT'],
'buffers@0.1.1': ['MIT/X11'],
'bytes@1.0.0': ['MIT'],
'color-name@1.0.0': ['UNLICENSE'],
'commander@2.2.0': ['MIT'],
'css-color-names@0.0.1': ['MIT'],
'css-parse@1.0.4': ['MIT'],
'css-stringify@1.0.5': ['MIT'],
'css@1.0.8': ['MIT'],
'delegate@3.0.1': ['MIT'],
'flatten@0.0.1': ['MIT'],
'indexof@0.0.1': ['MIT'],
'jsonify@0.0.0': ['Public domain'],
'ripemd160@0.2.0': ['MIT'],
'select@1.0.6': ['MIT'],
'ua-parser-js@0.7.13': ['MIT'],
'uglify-js@2.2.5': ['BSD'],
}
};
import {
getInstalled Packages,
assert Licenses Valid
} from './lib';

export default function licenses(grunt) {
grunt.registerTask('licenses', 'Checks dependency licenses', async function () {
  const done = this.async();

  try {
    const options = this.options({
      licenses: [],
      overrides: {}
    });

    assert Licenses Valid({
      packages: await getInstalled Packages({
        directory: grunt . config . get('root'),
        license Overrides: options . overrides
      }),
      valid License: options . licenses
    });
    done();
  } catch (error) {
    console . log(error . message);
    grunt . exit();
  }
});


Open Source Used In Cisco Virtual Managed Services (VMS) Platform 3.3

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async function generate(grunt, directory) {
  return await generateNoticeText({
    packages: await getInstalledPackages({
      directory,
      licenseOverrides: grunt.config.get('licenses.options.overrides')
    }),
    nodeDir: grunt.config.get('platforms')[0].nodeDir
  });
}

export default function (grunt) {
  grunt.registerTask('_build:notice', 'Adds a notice', function () {
    const done = this.async();
    const kibanaDir = resolve(grunt.config.get('buildDir'), 'kibana');
    const noticePath = resolve(kibanaDir, 'NOTICE.txt');
    generate(grunt, kibanaDir).then(
      (noticeText) => {
        grunt.file.write(noticePath, noticeText);
        done();
      },
      (error) => {
        grunt.fail.fatal(error);
        done(error);
      }
    );
  });
}

import React from 'react';
import {
  GuideDemo,
  GuideSandbox,
  GuideSandboxCodeToggle,
  GuideSectionTypes,
export default props => (  
<GuideSandbox>  
  <GuideDemo  
    isFullScreen={true}  
    html={html}  
  />  

  <GuideSandboxCodeToggle  
    source={[{  
      type: GuideSectionTypes.HTML,  
      code: html,  
    }]}  
    title={props.route.name}  
  />  
</GuideSandbox>  
);  

<div  
  class="kuiView"  
  style="background-color: pink"  
>
  <div  
    class="kuiViewContent kuiViewContent--constrainedWidth"  
    style="background-color: pink"  
>
    <div class="kuiNotice">  
      <h1 class="kuiTitle kuiVerticalRhythm">  
        <span class="kuiIcon kuiIcon--error fa-warning"></span>  
        Notice title  
      </h1>  

      <p class="kuiText kuiVerticalRhythm">  
        You can use the Notice component to present content in the center of the content area, within a container with a narrow, fixed width.  
      </p>  

      <p class="kuiText kuiVerticalRhythm">  
        The pink color is just for demonstration purposes.  
      </p>  
    </div>  
  </div>  
</div>  

$noticeBackgroundColor: #FFF;  
$noticeTitleFontSize: 22px;
2.42 kong 0.12

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2.43 Kubernetes 1.7.7

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//
// For more information: http://goo.gl/8us55a#licenseObject

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    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}

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import "bitbucket.org/ww/goautoneg"
HTTP Content-Type Autonegotiation.

The functions in this package implement the behaviour specified in http://www.w3.org/Protocols/rfc2616/rfc2616-sec14.html

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FUNCTIONS

func Negotiate(header string, alternatives []string) (content_type string)
Negotiate the most appropriate content_type given the accept header and a list of alternatives.

func ParseAccept(header string) (accept []Accept)
Parse an Accept Header string returning a sorted list of clauses
TYPES

type Accept struct {
    Type, SubType string
    Q float32
    Params map[string]string
}
Structure to represent a clause in an HTTP Accept Header

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import "github.com/pelletier/go-buffruneio"
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2.48 libicu 57

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### Commands to generate dependency files

```makefile
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)
```

### Flags for position independent code

```plaintext
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC
```

### Additional flags when building libraries and with threads

```plaintext
THREADSCPPFLAGS = -D_REENTRANT
```

### Shared library options

```plaintext
LD_SOOPTIONS= -Wl,-Bsymbols
```

### Shared object suffix

```plaintext
SO = so
```

### Non-shared intermediate object suffix

```plaintext
STATIC_O = ao
```

### Compilation rules

```plaintext
%.$(STATIC_O): $(srcdir)/%.
```
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<
%.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) $< \n | sed "s/\($\%\)\.o\[ :\]/\1.o $@ : /g" > $@; \n [ -s $@ ] \| rm -f $@"

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.cc) $< \n | sed "s/\($\%\)\.o\[ :\]/\1.o $@ : /g" > $@; \n [ -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) $@ && ln -s *.$(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
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
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2.49 libidn 1.33-1

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analysis/common/src/java/net/sf/snowball
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analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package is available from http://snowball.tartarus.org/

The KStem stemmer in
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analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
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analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
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analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
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===========================================================================
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===========================================================================

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

mecab-ipadic-2.7.0-20070801

which can be obtained from
http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

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# -*- coding: utf-8 -*-
Gem::Specification.new do |s|
  s.name = 'maven-tools'
  s.version = '123'

  s.summary = 'helpers for maven related tasks'
  s.description = 'adds versions conversion from rubygems to maven and vice versa, ruby DSL for POM (Project Object Model from maven), pom generators, etc'
  s.homepage = 'http://github.com/torquebox/maven-tools'

  s.authors = ['Christian Meier']
  s.email = ['m.kristian@web.de']

  s.license = 'unknown'
end

# vim: syntax=Ruby

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Aether SPI (http://www.eclipse.org/aether/aether-spi/) org.eclipse.aether:aether-spi:jar:0.9.0.M2


org.eclipse.sisu.inject (http://www.eclipse.org/sisu/org.eclipse.sisu.inject/)
org.eclipse.sisu:org.eclipse.sisu.inject:eclipse-plugin:0.0.0.M5

org.eclipse.sisu.plexus (http://www.eclipse.org/sisu/org.eclipse.sisu.plexus/)
org.eclipse.sisu:org.eclipse.sisu.plexus:eclipse-plugin:0.0.0.M5

SLF4J API Module (http://www.slf4j.org) org.slf4j:slf4j-api:jar:1.7.5
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* Jordan Sissel (jordansissel)
* Joo Duarte (jsvd)
* Nathan Burns (nathanburns)
* Nick Ethier (nickethier)
* Pier-Hugues Pellerin (ph)
* Richard Pijnenburg (electrical)

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

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<li><a href="http://zookeeper.apache.org/" title="Centralized service for maintaining configuration information">ZooKeeper</a></li>
</ul>
</div>
<div class="grid_3 suffix_1">
<h4>Foundation Projects</h4>
<ul>
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2.60 lua 5.1.5-8.1+b2

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2.64 mawk 1.3.3-17+b3

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```

---

2.69 nghttp2 1.18.1-1

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```
set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
```
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2.70 nginx 0.31

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2.71 ntp 4.2.8p10+dfsg-3+deb9u1

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"Clone me," says Dolly sheepishly.

Last update: 2-Jan-2017 11:58 UTC

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/* -.-. Mode: Text -.- */

copyright = {
  date = "1992-2017";
  owner = "The University of Delaware and Network Time Foundation";
  eaddr = "http://bugs.ntp.org, bugs@ntp.org";
  type = ntp;
};

long-opts;
config-header = config.h;
environrc;
no-misuse-usage;
version-proc = ntpOptionPrintVersion;

version = `eval VERSION=`\sed -e 's/\,*\|\/\|-e \s/\|\/\|/ \|' < ../sntp/m4/version.m4` [-z "$\{VERSION\}""] && echo "Cannot determine VERSION" && kill -TERM $AG_pid

version-value = ""; /* Don't use -v as a shortcut for --version */

/*
* HMS: man pages already have this, and texi pages can use the
* values in sntp/include/version.texi .
*/
// doc-sub = {
//   sub-name = version;
//   sub-text = '\s/\#VERSION\#/<<version>>/g';
// }
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<meta http-equiv="content-type" content="text/html; charset=iso-8859-1">
<title>Copyright Notice</title>
<!-- Changed by: Harlan Stenn, 10-Mar-2014 -->
<link href="scripts/style.css" type="text/css" rel="stylesheet">
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The following individuals contributed in part to the Network Time Protocol Distribution Version 4 and are acknowledged as authors of this work.

- Takao Abe <takao_abe@xurb.jp> Clock driver for JJY receivers
- Mark Andrews <mark.andrews@isc.org> Leitch atomic clock controller
- Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
- Viraj Bais <vbais@mailman1.intel.com> and <kirkwood@striderfm.intel.com> Clayton Kirkwood port to WindowsNT 3.5
- Michael Barone <michael.barone@lmco.com> GPSVME fixes
- Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
- Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules
- Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
- Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
- Nelson Bolyard <nelson@bolyard.me> update and complete broadcast and crypto features in snmp
- Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
- Reg Clemens <reg@dfw.com> Oncore driver (Current maintainer)
- Steve Clift <clift@ml.csiro.au> OMEGA clock driver
- Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
- Sven Dietrich <sven_dietrich@trimble.COM>
Palisade reference clock driver, NT adj. residuals, integrated Greg’s Winnt port.

John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port

Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port

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Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver

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Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port

Jeff Johnson <jjbj@chatham.usdesign.com> massive prototyping overhaul

Hans Lambermont <Hans.Lambermont@chello.nl> ntpswipe

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Johannes Maximilian Kuehn <kuehn@ntp.org> Rewrote <tt>ntsysv</tt> to comply with NTPv4 specification, <tt>ntpq saveconfig</tt>/nt

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Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305

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<p>corrected and validated HTML documents according to the HTML DTD</p>

</p>

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import org.somewhere.ws.EchoResponse;
public class CopyingResponse extends EchoResponse {

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    public CopyingResponse(EchoRequest request) {
        content = request.getContent();
    }

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     */

    /**
     *
     */

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import java.util.GregorianCalendar;
import java.util.Locale;
import java.util.TimeZone;

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        "/*
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        "
    private static final String ORACLE_AFTER2012 =
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         * Copyright (c) 2012, %d, Oracle and/or its affiliates. All rights reserved.\n         * */
        "
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}

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}

static String getOpenJDKCopyright() {
    int year = getYear();
    return String.format(year > 2012 ? OPENJDK_AFTER2012 : OPENJDK2012, year);
}

private static int getYear() {
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}

// no instantiation
private CopyrightHeaders() {
}
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package java.security;

/**
 * Abstract class for representing access to a system resource.
 * All permissions have a name (whose interpretation depends on the subclass),
 * as well as abstract functions for defining the semantics of the
* particular Permission subclass.

* <p>Most Permission objects also include an "actions" list that tells the actions
that are permitted for the object. For example,
* for a {@code java.io.FilePermission} object, the permission name is
* the pathname of a file (or directory), and the actions list
* (such as "read, write") specifies which actions are granted for the
* specified file (or for files in the specified directory).
* The actions list is optional for Permission objects, such as
* [@code java.lang.RuntimePermission],
* that don't need such a list; you either have the named permission (such
* as "system.exit") or you don't.
*
* <p>An important method that must be implemented by each subclass is
* the [@code implies] method to compare Permissions. Basically,
* "permission p1 implies permission p2" means that
* if one is granted permission p1, one is naturally granted permission p2.
* Thus, this is not an equality test, but rather more of a
* subset test.
*
* <p>Permission objects are similar to String objects in that they
* are immutable once they have been created. Subclasses should not
* provide methods that can change the state of a permission
* once it has been created.
*
* @see Permissions
* @see PermissionCollection

*

* @author Marianne Mueller
* @author Roland Schemers
*/

public abstract class Permission implements Guard, java.io.Serializable {

private static final long serialVersionUID = -5636570222231596674L;

private String name;

/**
 * Constructs a permission with the specified name.
 *
 * @param name name of the Permission object being created.
 *
 */

public Permission(String name) {
    this.name = name;
}
/**
 * Implements the guard interface for a permission. The
 * {@code SecurityManager.checkPermission} method is called,
 * passing this permission object as the permission to check.
 * Returns silently if access is granted. Otherwise, throws
 * a SecurityException.
 *
 * @param object the object being guarded (currently ignored).
 *
 * @throws SecurityException
 *        if a security manager exists and its
 *        {@code checkPermission} method doesn't allow access.
 *
 * @see Guard
 * @see GuardedObject
 * @see SecurityManager#checkPermission
 *
 */
public void checkGuard(Object object) throws SecurityException {
    SecurityManager sm = System.getSecurityManager();
    if (sm != null) sm.checkPermission(this);
}

/**
 * Checks if the specified permission's actions are “implied by”
 * this object's actions.
 *
 * This must be implemented by subclasses of Permission, as they are the
 * only ones that can impose semantics on a Permission object.
 *
 * The {@code implies} method is used by the AccessController to determine
 * whether or not a requested permission is implied by another permission that
 * is known to be valid in the current execution context.
 *
 * @param permission the permission to check against.
 *
 * @return true if the specified permission is implied by this object,
 *         false if not.
 *
 */

public abstract boolean implies(Permission permission);

/**
 * Checks two Permission objects for equality.
 *
 * Do not use the {@code equals} method for making access control
* decisions; use the {@code implies} method.
*
* @param obj the object we are testing for equality with this object.
*
* @return true if both Permission objects are equivalent.
*/

public abstract boolean equals(Object obj);

/**
 * Returns the hash code value for this Permission object.
 * <p>
 * The required {@code hashCode} behavior for Permission Objects is
 * the following:
 * <ul>
 * <li>Whenever it is invoked on the same Permission object more than
 * once during an execution of a Java application, the
 *     {@code hashCode} method
 *     must consistently return the same integer. This integer need not
 *     remain consistent from one execution of an application to another
 *     execution of the same application.
 * <li>If two Permission objects are equal according to the
 *     {@code equals} method, then calling the {@code hashCode} method on each of the
 *     two Permission objects must produce the same integer result.
 * </ul>
 *
 * @return a hash code value for this object.
 */

public abstract int hashCode();

/**
 * Returns the name of this Permission.
 * For example, in the case of a {@code java.io.FilePermission},
 * the name will be a pathname.
 *
 * @return the name of this Permission.
 */

public final String getName() {
    return name;
}

/**
 * Returns the actions as a String. This is abstract
 * so subclasses can defer creating a String representation until

* one is needed. Subclasses should always return actions in what they
* consider to be their
* canonical form. For example, two FilePermission objects created via
* the following:
* *
* <pre>
* perm1 = new FilePermission(p1,"read,write");
* perm2 = new FilePermission(p2,"write,read");
* </pre>
* *
* both return
* "read,write" when the {code getActions} method is invoked.
* *
* @return the actions of this Permission.
*
*/

public abstract String getActions();

/***
* Returns an empty PermissionCollection for a given Permission object, or null if
* one is not defined. Subclasses of class Permission should
* override this if they need to store their permissions in a particular
* PermissionCollection object in order to provide the correct semantics
* when the {code PermissionCollection.implies} method is called.
* If null is returned,
* then the caller of this method is free to store permissions of this
* type in any PermissionCollection they choose (one that uses a Hashtable,
* one that uses a Vector, etc).
* *
* @return a new PermissionCollection object for this type of Permission, or
* null if one is not defined.
*/

public PermissionCollection newPermissionCollection() {
    return null;
}

/***
* Returns a string describing this Permission. The convention is to
* specify the class name, the permission name, and the actions in
* the following format: ("ClassName" "name" "actions"), or
* ("ClassName" "name") if actions list is null or empty.
* *
* @return information about this Permission.
*/
public String toString() {
    String actions = getActions();
if ((actions == null) || (actions.length() == 0)) { // OPTIONAL
    return "(" + getClass().getName() + "" + name + "")";
} else {
    return "(" + getClass().getName() + "" + name + "" + actions + "}")";
}

package java.security.acl;

/***
* This interface represents a permission, such as that used to grant
* a particular type of access to a resource.
* @author Satish Dharmaraj
*/
public interface Permission {

    /**
     * Returns true if the object passed matches the permission represented
     * in this interface.
     */

public boolean equals(Object another);

/**
 * Prints a string representation of this permission.
 *
 * @return the string representation of the permission.
 */
public String toString();
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#
# Version

# Uses Fedora Core 6 fonts and file paths.
version=1

# Component Font Mappings

dialog.plain.latin-1=DejaVu LGC Sans
dialog.plain.japanese-x0208=Sazanami Gothic
dialog.plain.korean=Baekmuk Gulim
dialog.plain.chinese-big5=AR PL ShanHeiSun Uni
dialog.plain.chinese-gb18030=AR PL ShanHeiSun Uni

dialog.bold.latin-1=DejaVu LGC Sans Bold
dialog.bold.japanese-x0208=Sazanami Gothic
dialog.bold.korean=Baekmuk Gulim
dialog.bold.chinese-big5=AR PL ShanHeiSun Uni
dialog.bold.chinese-gb18030=AR PL ShanHeiSun Uni

dialog.italic.latin-1=DejaVu LGC Sans Oblique
dialog.italic.japanese-x0208=Sazanami Gothic
dialog.italic.korean=Baekmuk Gulim
dialog.italic.chinese-big5=AR PL ShanHeiSun Uni
dialog.italic.chinese-gb18030=AR PL ShanHeiSun Uni

dialog.bolditalic.latin-1=DejaVu LGC Sans Bold Oblique
dialog.bolditalic.japanese-x0208=Sazanami Gothic
dialog.bolditalic.korean=Baekmuk Gulim
Open Source Used In Cisco Virtual Managed Services (VMS) Platform 3.3
# Search Sequences

sequence.allfonts=latin-1
sequence.allfonts.Big5=chinese-big5,latin-1
sequence.allfonts.x-euc-jp-bsd=japanese-x0208,latin-1
sequence.allfonts.EUC-KR=korean,latin-1
sequence.allfonts.GB18030=chinese-gb18030,latin-1
sequence.fallback=chinese-big5,chinese-gb18030,japanese-x0208,korean

# Font File Names

filename.DejaVu_LGC_Sans=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans.ttf
filename.DejaVu_LGC_Sans_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Bold.ttf
filename.DejaVu_LGC_Sans_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Oblique.ttf
filename.DejaVu_LGC_Sans_Bold_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-BoldOblique.ttf
filename.DejaVu_LGC_Sans_Mono=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono.ttf
filename.DejaVu_LGC_Sans_Mono_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-Bold.ttf
filename.DejaVu_LGC_Sans_Mono_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-Oblique.ttf
filename.DejaVu_LGC_Sans_Mono_Bold_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-BoldOblique.ttf
filename.DejaVu_LGC_Serif=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif.ttf
filename.DejaVu_LGC_Serif_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-Bold.ttf
filename.DejaVu_LGC_Serif_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-Oblique.ttf
filename.DejaVu_LGC_Serif_Bold_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-BoldOblique.ttf
filename.Sazanami_Gothic=/usr/share/fonts/japanese/TrueType/sazanami-gothic.ttf
filename.Sazanami_Mincho=/usr/share/fonts/japanese/TrueType/sazanami-mincho.ttf
filename.AR_PL_ShankHeiSun_Uni=/usr/share/fonts/chinese/TrueType/uming.ttf
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filename.Baekmuk_Batang=/usr/share/fonts/korean/TrueType/batang.ttf

2.73 openssl 1.1.0f
2.73.1 Available under license:

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2.74 p11-glue 0.23.3-2

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2.75 pcre 8.39-r0

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---------

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just-in-time compiler that can be used to optimize pattern matching. These
are both optional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

-----------------------------

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

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PCRE JUST-IN-TIME COMPILATION SUPPORT

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2.76 perl 5.24.1-3+deb9u2
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Gnomovision version 69, Copyright (C) 19xx name of author
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---
abstract: 'Build and install Perl modules'
author:
- 'Ken Williams <kwilliams@cpan.org>'
- "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-build@perl.org>.'
build_requires:
  File::Temp: 0.15
  Test::Harness: 3.16
  Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: Module-Build
resources:
  MailingList: mailto:module-build@perl.org
  license: http://dev.perl.org/licenses/
  repository: http://github.com/dagolden/module-build/
  version: 3

------------------------------------------------------

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Julian Seward, jseward@bzip.org
bzlib/libbz2 version 1.0.6 of 6 September 2010

#!/usr/bin/perl

=head1 NAME
copyright.t

=head1 DESCRIPTION

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

If the test fails, update at least one of README and perl.c so that they match reality.
Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

=cut

use TestInit;
use strict;
use Config;
BEGIN { require 'test.pl' }

if ( $Config{usecrosscompile} ) { 
    skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so 
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{

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

    # The copyright message is the first paragraph:
    local $/ = "";

my $copyright_msg = <$readme>;

my ($year) = $copyright_msg =~ /.*\d\d\d\d/;  # match any copyright date
unless ($year) { die "Year not found in README copyright message '$copyright_msg'"; }

$year;
}

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

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

$year;
}

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2.77 procps 3.3.12-3
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

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

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------------------------

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see
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Mersenne Twister

-------------------------------

The :mod:`_random` module includes code based on a download from http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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Sockets
------

The :mod:`socket` module uses the functions, :func:`getaddrinfo`, and
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Original location:
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  djb (supercop/crypto_auth/siphash24/little2)
  Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

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--------------

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@c End:

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2.88 unzip 6.0-21

2.88.1 Available under license:

This is the Debian prepackaged version of "unzip", Info-Zip's fast, portable, zipfile decompression utility.

This package is currently maintained by Santiago Vila <sanvila@debian.org> and built from sources obtained from:


The changes were fairly minimal, and consisted solely of adding various debian/*/ files to the distribution, plus several miscellaneous fixes as reflected in the Debian changelog.

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The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode());
replacement of old unshrink() with new (unrelated) unshrink(); re-
placement of output routines; addition of inflate(), wildcards,
filename-mapping, text translation, ...; etc.). As far as we can
tell, only the core code of the unreduce method remained substantially
similar to Mr. Smith's original source. As of UnZip 5.42, the complete
core code is now covered by the Info-ZIP Licence. Therefore, support
for the reduce method has been removed.
The drop of the reduce method should only affect some test archives,
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* 
* A collection of File Manager and related routines
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May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS),
71150.2731@compuserve.com]:

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

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

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

2.89 util-linux 2.29.2-1

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BSON library for Go

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mgo - MongoDB driver for Go

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package github

import "fmt"

// LicensesService handles communication with the license related
// methods of the GitHub API.
type LicensesService service

// License represents an open source license.
type License struct {
    Key   *string `json:"key,omitempty"`
    Name  *string `json:"name,omitempty"`
    URL   *string `json:"url,omitempty"`
    HTMLURL        *string   `json:"html_url,omitempty"`
    Featured       *bool     `json:"featured,omitempty"`
    Description    *string   `json:"description,omitempty"`
    Category       *string   `json:"category,omitempty"`
    Implementation *string   `json:"implementation,omitempty"`
    Required       *[]string `json:"required,omitempty"`
    Permitted      *[]string `json:"permitted,omitempty"`
    Forbidden      *[]string `json:"forbidden,omitempty"`
    Body           *string   `json:"body,omitempty"`
}

func (l License) String() string {
    return Stringify(l)
}

// List popular open source licenses.
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]*License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }
    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)
    licenses := new([]*License)
    resp, err := s.client.Do(req, licenses)
    if err != nil {
        return nil, resp, err
    }
    return *licenses, resp, err
}

// Get extended metadata for one license.
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license

func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
    u := fmt.Sprintf("licenses/%s", licenseName)

    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil {
        return nil, nil, err
    }

    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)

    license := new(License)
    resp, err := s.client.Do(req, license)
    if err != nil {
        return nil, resp, err
    }

    return license, resp, err
}

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2.92 xz 5.2.2-1.2+b1
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==================

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// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
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<!-- EOF:#main-content -->

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3.4 antisamy 1.5.3

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<div class="collapse navbar-collapse" id="mainnav-collapse">
<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a> &raquo; <a href="/licenses/">Licenses</a></div>
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<li><a href="/foundation/members.html">Members</a></li>
<li><a href="/foundation/how-it-works.html">Process</a></li>
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/glossary.html">Glossary</a></li>
<li><a href="/foundation/preFAQ.html">FAQ</a></li>
<li><a href="/foundation/contact.html">Contact</a></li>
</ul>
</li>
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</ul>
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</div>
</nav>
</header>

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3.8 archaius-core 0.7.4

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3.17 asm-tree 5.0.3

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3.19 asm-util 5.0.3
3.20 aspectjrt 1.8.7

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<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
<title>Eclipse Public License - Version 1.0</title>
<style type="text/css">
body {
    size: 8.5in 11.0in;
    margin: 0.25in 0.5in 0.25in 0.5in;
    tab-interval: 0.5in;
}
p {
    margin-left: auto;
    margin-top: 0.5em;
    margin-bottom: 0.5em;
}
p.list {
    margin-left: 0.5in;
    margin-top: 0.05em;
    margin-bottom: 0.05em;
}
</style>
</head>

<body lang="EN-US">

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3.22 aspectjweaver 1.8.7

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```
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<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">

<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
<title>Eclipse Public License - Version 1.0</title>
<style type="text/css">
body { 
  size: 8.5in 11.0in;
  margin: 0.25in 0.5in 0.25in 0.5in;
  tab-interval: 0.5in;
}

p { 
  margin-left: auto;
  margin-top: 0.5em;
  margin-bottom: 0.5em;
}
```

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3.23 aspectjweaver 1.8.10

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3.35 beats 5.5

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mgo - MongoDB driver for Go

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

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github.com/armon/go-socks5

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github.com/eapache/go-resiliency

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github.com/eapache/go-xerial-snappy

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github.com/elastic/procfs

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

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github.com/joeshaw/multierror
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github.com/klauspost/compress

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github.com/pierrec/xxHash
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github.com/pierre/gotestcover
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github.com/pkg/errors

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github.com/pmezard/go-difflib
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github.com/rcrowley/go-metrics
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github.com/samuel/go-thrift
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github.com/satori/go.uuid
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github.com/shirou/gopsutil
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github.com/StackExchange/wmi

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github.com/stretchr/objx

objx - by Mat Ryer and Tyler Bunnell

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gopkg.in/mgo.v2/bson

BSON library for Go

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golang.org/x/crypto

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github.com/hashicorp/go-cleanhttp

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github.com/Sirupsen/logrus

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github.com/stretchr/objx
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github.com/armon/go-socks5
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--------------------------------------------------------------------
github.com/davecgh/go-spew
--------------------------------------------------------------------
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github.com/pmezard/go-difflib

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github.com/stretchr/objx

objx - by Mat Ryer and Tyler Bunnell

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## Topics

* [Reporting Security Issues](#reporting-security-issues)
* [Design and Cleanup Proposals](#design-and-cleanup-proposals)
* [Reporting Issues](#reporting-other-issues)
* [Quick Contribution Tips and Guidelines](#quick-contribution-tips-and-guidelines)
* [Community Guidelines](#docker-community-guidelines)

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## Reporting other issues

A great way to contribute to the project is to send a detailed report when you encounter an issue. We always appreciate a well-written, thorough bug report, and will thank you for it!
Check that [our issue database](https://github.com/docker/docker/issues) doesn't already include that problem or suggestion before submitting an issue.
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When reporting issues, always include:

* The output of `docker version`.
* The output of `docker info`.

Also include the steps required to reproduce the problem if possible and applicable. This information will help us review and fix your issue faster.

When sending lengthy log-files, consider posting them as a gist (https://gist.github.com). Don't forget to remove sensitive data from your logfiles before posting (you can replace those parts with "REDACTED").

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// Package redis is a client for the Redis database.

// The Redigo FAQ (https://github.com/garyburd/redigo/wiki/FAQ) contains more
// documentation about this package.

// Connections

// The Conn interface is the primary interface for working with Redis.
// Applications create connections by calling the Dial, DialWithTimeout or
// NewConn functions. In the future, functions will be added for creating
// sharded and other types of connections.

// The application must call the connection Close method when the application
// is done with the connection.

// Executing Commands
// The Conn interface has a generic method for executing Redis commands:
//
// Do(commandName string, args ...interface{}) (reply interface{}, err error)
//
// The Redis command reference (http://redis.io/commands) lists the available
// commands. An example of using the Redis APPEND command is:
//
// n, err := conn.Do("APPEND", "key", "value")
//
// The Do method converts command arguments to binary strings for transmission
// to the server as follows:

3.36 bouncycastle 1.58

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<p>
Thanks, may your castles never deflate!
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</li>

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<li>Mariusz Bandola &lt;mariusz.bandola@#064:cryptotech.com.pl&gt; - patch to DERGeneralizedTime. Compliance patch for OCSP TBSRequest class. Patch to X509Name for delaing with general objects in sequences.</li>
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<li>Ian Haywood &lt;ian@#064:haywood.bpa.mv&gt; - addition of getSignatureType to PGPSignature.</li>
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Breitenstrom Christian <C.Breitenstrom@#064t-systems.com> - compatibility patch to SignaturePacket, DetachedSignatureProcessor.

Zanotti Mirko <zanotti@#064cad.it> - patch to ordered equality test for X509Name.

Nicola Scendoni <ncsendoni@#064babelps.it> - patch to add sorting to CertPath validation.


Bruce Gordon <bruce.gordon@#064savvis.net> - patch to secret key creation encoding NullPointerException in OpenPGP, speed up for BCPGInputStream.

Miles Whiteley <Miles.Whiteley@#064savvis.net> - "223" fix for BCPGInputStream new packets.

Albert Moliner <amoliner@#064evintia.com> - initial TSP implementation.

Carlos Lozano <carlos@#064evintia.com> - initial TSP implementation, patch to SignerInformation for supporting repeated signers, initial updates for supporting repeated attributes in CMS.

Javier Delgadillo <javi@#064javi.codewarp.org> - initial Mozilla PublicKeyAndChallenge classes.

Joni Hahkala <joni.hahkala@#064cern.ch> - initial implementations of VOMS Attribute Certificate Validation, JettAttrSyntax, and ObjectDigestInfo. We also wish to thank the <a href="http://www.eu-egee.org">EGEE project</a> for making the work available.

Rolf Schillinger <rolf@#064isir-wum.de> - initial implementation of Attribute Certificate generation.

Sergey Bahtin <Sergey.Bahtin@#064yahoo.com> - fix for recovering certificate aliases in BKS and UBER key stores. Initial implementations of GOST-28147, GOST-3410, EC GOST-3410, GOST OFB mode (GOFB) and GOST-3411.


Atsuhiko Yamanaka <ymnk@#064jcraft.com> - patch for improving use of Montgomery numbers in BigInteger
Nickolay Bolshackov <tyrex@reksoft.ru> - patch for class cast exception in AuthorityInformationAccess class.

Soren Hilmer <soren.hilmer@#064tiotenator.com> - patches for CertID with issuerSerial set in TSP implementation, additional compliance testing.

Steve Mitchell <mitchell@#064intertrust.com> - patch for stateful path validator fix. Patch to allow BigInteger class to create negative numbers from byte arrays. Additions to allow different providers to be used for asymmetric/symmetric encryption in OpenPGP.

Optimisation to avoid redundant verification in path validator. Suggestion to use PKIXParameters.getSigProvider() correctly.

Dirk Eisner <D.Eisner@seeburger.de> - initial implementation of ISO 7816-4 padding.

Julien Pasquier <julienpasquier@#064free.fr> - initial implementation of attribute classes from RFC 3126. Fix to KEKIdentifier, OtherKeyAttribute parsing. Initial ContentHints class.

Matteo <matartuso@#064libero.it> - sequence patch to ASN1Dump.

Andrew Paterson <andrew.paterson@#064burnsec.com> - patches to PGP tools, isRevoked method on PGPPublicKey.

Vladimir Molotkov <vladimir.n.molotkov@intel.com> - extensive provider exception handling compliance testing.

Florian Kollan <adlocflo@#064web.de> - fix to ElGamalKeyParameters equality testing.

Pavel Vassiliev <paulvas@#064gmail.com> - Initial GOST28147Mac implementation.

Tom Pesman <tom@#064tnux.net> - addition of DES-EDE encryption for RSAPrivate keys to PEMWriter.

Lukasz Kowalczyzk <lukasz.b.kowalczyzk@#064gmail.com> - patch to fix parsing issue with OpenSSL PEM based certificate requests.

Arndt Hasch <Arndt.Hasch@maxence.de> - additional fix for partial reading with new style PGP packets.

Fix Bernd (KCDP 11) <bernd.fix@credit-suisse.com> - fix for 31 byte issue and exception throwing by Whirlpool.

David M. Lee <dmlee@Crossroads.com> - code for add and remove secret key in the PGPSecretKeyRing class. Additions to S/MIME and CMS unit tests.

Mike Dillon <md5@embody.org> - additional checks for PGP secret and public key construction, patches to copyWithNewPassword.

Tu-vi cung <#12cung@#064hotmail.com> - patch for out of bounds problem in getDecoderStream method.

Chris Schultz <cschultz@#064gmail.com> - fix for InputStream constructor for X509V2AttributeCertificate.

David M. Lee <dmlee@Crossroads.com> - implementation assistance with streaming CMS classes.

Joel Rees <rees@#064ddcom.co.jp> - fix to correct getOID methods from returning same set on X.509 attribute certificates.

Francesc Sau <francesc.sau@#064partners.netfocus.es> - micro fix for tsp Accuracy class.

Larry Bugbee <bugbee@#064mac.com> - initial ECNR implementation.

Remi Blancher <Remi.Blancher@#064keynectis.com> - Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.

Brian O'Rourke <brianorourke@#064gmail.com> - patch for signature creation time override in OpenPGP.

Andreas Schwier <andreas.schwier@#064cardcontact.de> - initial implementation of ISO9797 MAC Algorithm 3, addition of DES-EDE 64 MAC to the provider, fix to EC point encoding, addition of EC and RSA-PSS OIDs to CMS, addition of AES-CMAC and DESede-CMAC to JCE provider.

David Josse <david.josse@#064transacttools.net> - Patch for trailer function in version 2 signature packets.

Kishimoto Kazuhiko <kazu-k@#064hi-ho.ne.jp> - RFC 3280 updates to policy processing in the CertPath validator. Additional test data not covered by NIST.
Lawrence Tan <lwrnctan@064gmail.com> - Large field OID sample test data. Missing key types in JDKKeyFactory.

Carlos Valiente <superdupont@064gmail.com> - Addition of CRL writing to the PEMWriter class.

Keyon AG, Martin Christinat, <a href="http://www.keyon.ch">http://www.keyon.ch</a> - fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.

Olaf Keller, <olaf.keller.bc@064bluewin.ch> - initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTFNAP point multiplication. Improvement to k value generation in ECDSA.

J&ouml;rg Eichhorn <eichhorn@064ponton-consulting.de> - patch to fix EOF read on SharedFileInputStream, support for F2m compression.

Karsten Ohme <widerstand@064t-online.de> - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Additional curve type support for Fp, contributions to F2m compression. F2m decoding for ECPPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name types for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings. Support for surrogate pairs in DERUTF8String, DER UTF8 test. Additional X.509 name attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser infrastructure and design. CertPath support for implicitDSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.

Carlos Lozano Ruiz <carlos@064tradise.com> - patch for <ctl><m> only handling in CRLOutputStream.

John Alfred Prufrock <j.a.prufrock@064gmail.com> - mods to GOST-3411 and MD2 to support ExtendedDigest.

Stefan Neusatz Guilhen <sneusatz@064gmail.com> - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.

Marzio Lo Giudice <marzio.logiudice@064gmail.com> - fix to endianess in KDF2BytesGenerator, additional KDF2 tests.

Georg Lippold <georg.lippold@064gmx.de> - initial implementation of NaccacheStern cipher.

Chris Viles <chris_viles@064yahoo.com> - fix to SignatureSubpacket critical bit setting.

Pasi Eronen <Pasi.Eronen@nokia.com> - extra toString() support for ASN.1 library. Initial patch for large OID components.

Lijun Liao <lijun.liao@064rub.de> - performance enhancements for SHA family of digests. Bug report and patch for blank line handling in ArmoredInputStream.

Maria Ivanova <maria.ivanova@064gmail.com> - support for tags > 30 in ASN.1 parsing.

Armin Haumlberling <arminha@student.ethz.ch> - first cut of internationalisation, initial PKIX validation classes.

Marius Schilder <mschilder@064google.com> - main set of test vectors for Bleichenbacher's forgery attack.

Xavier Le Vouch <xavier@064brittanysoftware.com> - general code clean ups.

Erik Tews <e_tews@064cdc.informatik.tu-darmstadt.de> - initial threaded random seed generator, constant-time PKCS#1.5 decoding.

Thomas Dixon <reikomusha@064gmail.com> - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.

Frank Cornelis <info@064frankcornelis.be> - addition of crlAccessMethod in X509ObjectIdentifiers.
Rui Joaquim <rjoaquim@isel.ipl.pt> - initial implementation of RSA blinding for signatures.

David Stacey <DStacey@#064allantgroup.com> - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.

Martijn Brinkers <list@#064mitm.nl> - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.

Julius Davies <juliusdavies@#064gmail.com> - additional modes and algorithm support in PEMReader.

Matthias <g@#064rtmr.de> - GnuPG compatibility changes for PBEFileProcessor.

Olga K&uuml;hler <olga.kaehler@#064hp-consulting.com> - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.

Germano Rizzo <germano.rizzo@#064gmail.com> - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.

N&uuml;aucute;ria Mar&iacute; <numaa@#064hotmail.com> - patch for alternate data type recognition in CMSSignedDataParser.

Janis Schuller <j&s@#064tzi.de> - addition of NotationData packets for OpenPGP.

Michael Samblanet <mike@#064samblanet.com> - patches towards improved Sun/default provider support in CMS.

Mike StJohns <mstjohns@#064comcast.net> - patches for supporting empty subject in X.509 certificate generation, noneWithECDSA.

Ramon Keller <ramon.keller@#064gmx.ch> - patch to deal with null revocations return from other CRL in X509V2CRLGenerator.

Mark Nelson <mark@#064nbr.com> - correction to excluded DN in name constraints processing for PKIX processing.

Eugene Golushkov <eugene.gff@#064ukr.net> - mask fix to single byte read in TlsInputStream.

Julien Pasquier <julienpasquier@#064free.fr> - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.

Peter Knopp <pknopp@#064mtg.de> - fix for named curve recognition in ECGOST key generation.

Jakub Gwozdz <gwozdziu@#064rpg.pl> - addition of getTsa() to TimeStampTokenInfo.

Bartosz Malkowski <bmalkow@#064tigase.org> - initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac.

Tal Yacobi <tal.yacobi@#064octavian-tech.com> - fix for issue in OpenPGP examples [#BJA-55].

Massimiliano Ziccardi <massimiliano.ziccardi@#064gmail.comt> - support for counter signature reading in CMS API, update for multiple counter signature attributes.

Andrey Pavlenko <andrey.a.pavlenko@#064gmail.com> - security manager patch for PKCS1Encoding property check.

Mike StJohns <mstjohns@#064comcast.net> - updates to KeyPurposeId.

J Ross Nicoll <jrn@#064jrn.me.uk> - improved exception handling for getInstance() in ASN.1 library.

Matthew Stevenson <mavricknz@#064yahoo.com> - patch to construtor for CRMF CertSequence.

Gabriele Contini <gcontini@#064hotpop.com> - identified a bug in ASN.1 library with handling of unterminated NDEFs.

Roelof Naude <roelof.naude@#064epiuse.com> - patch for TLS client to send empty client certs in response to HP_CERTIFICATE_REQUEST.

Patrick Peck <peck@#064signaturen.at> - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.

Michael LeMay <lemaymd@#064lemaymd.com> - identified problem with EAX [#BJA-93].

Alex Dupre <sale@#064FreeBSD.org> - fix to use of Signature rather than SignatureSpi in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificateRequest [#BJA-102].

Michael Schoene <michael@#064sigrid-und-michael.de> - fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in
TimeStampResponse.validate().</li>
<li>Ion Larrañagã<ilarra&#064s21sec.com> fix to default partial packet generation in BCPGOutputStream.</li>
<li>Stefan Meyer <stefan.meyer&#064ewe.de> backport for PKIXCertPathValidator and SMIMEsSignedMailReviewer.</li>
<li>Robert J. Moore <Robert.J.Moore&#064allanbank.com> speedups for OpenPGPCFB mode, clean room JCE patches.</li>
<li>Rui Hodai <rui&#064po.ntts.co.jp> speed ups for Camellia implementation, CamelliaLightEngine.</li>
<li>Emir Bucaloovic <emir.bucaloovic&#064mail.com> initial implementation of Grain-v1 and Grain-128.</li>
<li>Torbjorn Svensson <tobbe79&#064gmail.com> initial implementation of Grain-v1 and Grain-128.</li>
<li>Paul FitzPatrick <bouncycastle_pfitz&#064fitzpatrick.cc> error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.</li>
<li>Henrik Andersson <k.henrik.andersson&#064gmail.com> addition of UniqueIssuerID to certificate generation.</li>
<li>Cagdas Cirit <cagdascirit&#064gmail.com> subjectAlternativeName fix for x.509CertStoreSelector.</li>
<li>Harakiri <harakiri_23&#064yahoo.com> datahandler patch for attached parts in SMIME signatures.</li>
<li>Pedro Henrique <pmahenriques&#064gmail.com> explicit bounds checking for DESKeyGenerator, code simplification for OAEPEncoding.</li>
<li>Lothar Kimmeringer <job&#064kimmeringer.de> verbose mode for ASN1Dump, support for DERExternal.</li>
<li>Richard Farr <rfarr.se&#064gmail.com> initial SRP-6a implementation.</li>
<li>Thomas Castiglione <castiglione&#064ibm.com> patch to encoding for CRMF OptionalValidity.</li>
<li>Elisabetta Romani <eromani&#064sogei.it> path for recognising multiple counter signatures.</li>
<li>Robin Lundgren <r737lundgren&#064gmail.com> CMPCertificate constructor from X509CertificateStructure fix.</li>
<li>Petr Kadlec <mormegil&#064centrum.cz> fix to sign extension key and IV problem in HC-128, HC-256.</li>
<li>Andreas Antener <antener.a&#064mx.ch> fix to buffer reset in AsymmetricBufferedBlockCipher.</li>
<li>Harendra Rawat <hrsrawat&#064yahoo.com> fix for BERConstructedOctetString.</li>
<li>Rolf Lindemann <lindemann&#064trustcenter.de> patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].</li>
<li>Alex Artamonov <alexart.home&#064gmail.com> name look up patch for GOST-2001 parameters.</li>
<li>Mike Lyons <mlyons&#064layer7tech.com> work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.</li>
<li>Chris Cole <chris_h_cole&#064yahoo.com> identified a problem handling null passwords when loading a BKS keystore.</li>
<li>Tomas Krivanek <tom&#064attack.cz> added checking of Sender header to SignedMailValidator.</li>
<li>Michael <emfau&#064online.de> correction of field error in getResponse method in CertRepMessage.</li>
<li>Trevor Perrin <trevor&#064cryptography.com> addition of constant time equals to avoid possible timing attacks.</li>
<li>Markus Kil&aring;ngs <markus&#064primekey.se> several enhancements to TimeStampResponseGenerator.</li>
<li>Dario Novakovic <darionis&#064yahoo.com> fix for NPE when checking revocation reason on CRL without extensions.</li>
<li>Michael Smith <msmith&#064cbnco.com> bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.</li>
<li>Andrea Zilio <andrea.zilio&#064gmail.com> fix for PEM password encryption of private keys.</li>
<li>Alex Birkett <alex&#064birkett.co.uk> added support for EC cipher suites in TLS client (RFC 4492) [#BIA-291].
<li>Wayne Grant <waynedgrant&#064gmail.com> additional OIDs for PKCS10 and certificate generation support.</li>
<li>Frank Cornelis <info&#064frankcornelis.be> additional support classes for CAdES, enhancements to OCSP classes.</li>
<li>Jan Ditthberner <jan&#064dittberner.info> addHeader patch for SMIME generator.</li>
<li>Bob McGowan <boab.mcgoo&#064btinternet.com> patch to support different content and mgf digests in PSS signing.</li>
<li>Ivo Matheis <i.matheis&#064seeburger.de> fix to padding verification in ISO-9796-1.</li>
<li>Marco Sandrini <nessche&#064gmail.com> patch to add IV to ISO9797Alg3Mac.</li>
<li>Alf Malf <alfilmalf&#064hotmail.com> removal of unnecessary limit in CMSContentInfoParser.</li>
<li>Janusz Sikociski <J.Sikocinski&#064#064gdzie.pl> addition of Features subpacket support to OpenPGP API.</li>
<li>Juri Hudolejev <jhudolejev&#064gmail.com> JavaDoc fix to CMSSignedDataParser.</li>
<li>Liane Velten <liane.velten&#064#064hjp-consulting.com> fine tuning of code for DHParameters validation.</li>
<li>Shawn Willden <swillden&#064gmail.com> additional functionality to PGPKeyRing.</li>
<li>Atanas Krachev <akrachev&#064gmail.com> added support for revocation signatures in OpenPGP.</li>
<li>Tim Buktu <tbuktu&#064hotmail.com> Initial implementation of NTRU signing and encryption.</li>
<li>Bernd <bernd&#064#064gmail.com> Fix for open of PGP literal data stream with UTF-8 naming.</li>
<li>Steing Inge Morisbak <stein.inge.morisbak&#064#064BEKK.no> Test code for lower case Hex data in PEM headers.</li>
<li>Andreas Schmid <andreas.schmid&#064#064ntgtech.com> Additional expiry time check in PGPPublicKeys.</li>
<li>Phil Steitz <phil.steitz&#064gmail.com> Final patch eliminating JCE dependencies in the OpenPGP BC classes.</li>
<li>Petar Petrov <petrov&#064mers-soft.com> Testing and debugging of UTF-8 OpenPGP passwords.</li>
<li>Daniel Fitzpatrick <daniel.f.wnr&#064gmail.com> Initial implementation of ephemeral key support for IES, initial implementations of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.</li>
<li>Andy Neilson <Andy.Neilson&#064quest.com> a further patches to deal with multiple providers and PEMReader.</li>
<li>Tim Buktu <tbuktu&#064hotmail.com> Initial implementation of ephemeral key support for IES, initial implementations of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.</li>
<li>Andy Neilson <Andy.Neilson&#064quest.com> a further patches to deal with multiple providers and PEMReader.</li>
<li>Philip Clay <pilf_b&#064yahoo.com> Initial implementation of J-PAKE.</li>
<li>Brian Carlstrom <bdc&#064#064carlstrom.com> compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, intial provider PBKDF2WithHmacSHA1 SecretKeyFactory.</li>
<li>Samuel Lidkeaccu:n Borell <samuel&#064#064primekey.se> patch to add DSTU-4145 to DefaultSignatureAlgorithmFinder.</li>
<li>Sergio Demian Lerner <sergiolerner&#064certimix.com> pointing out isInfinity issue in ECDSASigner
signature verification.

Tim Whittington <Tim.Whittington@orionhealth.com> patch to remove extra init call in CMac, additional of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Noekeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInputStream implementations for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDBcrypt, PGP API documentation and code quality work.

Marcus Lundblad <marcus.lundblad@primekey.se> patch for working around JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.

Andrey Zhozhin <zhozhin@xrm.ru> patch for override of TSP SignerInfo attributes.

Sergey Tiunov <tiunov@064gmail.com> initial cut of DVCS classes.

Damian Kolasa <fatfredy@gmail.com> ASN1Sequence patch for class cast issue in X9Curve.

Ash Hughes <ashley.hughes@blueyonder.co.uk> patches for supporting PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().

Daniel Hirscher <dev@064daniel-hirscher.de> patch to support parsing of explicit EC parameters in PEM files.

Daniele Ricci <daniele.athome@gmail.com> initial implementation of EC keys for OpenPGP and RFC6637 support.

Matti Aarnio <matti.aarnio@methics.fi> tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes.

Babak Najafi <bnajafi@064akamai.com> fixes to OpenPGP NotationData to prevent truncation problems.

Eric M&uuml;ller <eric.mueller@sage.de> additional standard algorithm name lookups in JcaPEMKeyConverter.

Mathias Herberts <Mathias.Herberts@064gmail.com> fix to inOff usage in RFC3394WrapEngine.

Daniil Ivanov <daniil.ivanov@064gmail.com> addition of provider support for GOST HMAC SecretKeyFactory.

Daniele Grasso <daniele.grasso86@gmail.com> contributions to final Key calculation code for SRP6.

Andrey Utkin <cindrhc@gmail.com> patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.

Arnis Tartu <arnis@064ut.ee> checker for generated key vs OID in JceCMSContentEncryptorBuilder.

AxelVDB <axel-vdb@064riseup.net> initial implementation of Shacal2.

Roberto Tyley <> further work on completing gradle build.

Waldemar Dick <wdick@064devmue.de> code improvement in x500 ASN.1 package.

Sid Steward <sid.steward@064pdflabs.com> code improvements to ASN1Boolean.

Alex Klyubin <klyubin@064google.com> AlgorithmParameters check for EC key agreement.

Jonathan Gillett <gsoc.student@064gmail.com> Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix.

Andreas Reiter <andreas.reiter@iaik.tugraz.at> Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.

Kieran Miller <kieran.miller@064gmail.com> initial implementation for RFC 5649 key wrap with padding.

Oliver Ehli <ehli@064arago.de> Additional support for BSI plain ECDSA in the provider.

Daniel Heldt <Daniel.Heldt@cryptovision.com> Initial support for encodable state message digests.
Robert Bushman <bouncycastle@traxel.com> Clean up of DirectKeySignature example.
Maurice Aarts <maarts@64ricsure.com> updated to KDF generator to follow NIST SP 800-108.
Franziskus Kiefer <https://github.com/franziskuskiefer> initial implementation of Cramer-Shoup.
KB Sriram <mail_kb@64yahoo.com> testing for odd encodings for PGP User Attribute Subpackets.
Marco Schulze <marco@64nightlabs.de> Reported verification bug in GenericSigner.
Lijun Liao <ljun.liao@64gmail.com> added iteration count setters to PKCS#12 PBE mac/key generator builders.
Tobias Wich <tobias.wich@64ecsec.de> Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.
Hauke Mehtens <hauke@64hauke-m.de> TLS patch to add ECDHE_ECDSA CCM ciphersuites from RFC 7251.
Daniel Zimmerman <dmz@64galois.com> Further key quality improvements to RSAKeyPairGenerator.
Jens Kapitza <lj.kapitza@64schwarze-allianz.de> Iterable support in OpenPGP API, code cleanup in OpenPGP API.
Johan Eklund <johan@64primekey.se> update to RFC 6960 for OCSPObjectIdentifiers.
nikosn <https://github.com/nikosn> Fix to encoding of EC private keys to ensure encoding matches order length.
Axel von dem Bruch <axel-vdb@64riseup.net> Contributions to BCrypt/OpenBSD BCrypt, original version of Blake2bDigest.
Derek Atkins <derek@64ihtfp.com> Documentation fixes to X9ObjectIdentifiers.
Peter Jr Halicky <peto@64halicky.sk> Correction to notification/error message handling in SignedMailValidator.
Thomas Belot <thomas.belot+BC@64gmail.com> initial CertPathLoopTest for demonstrating stack overflow issue.
Rich DiCroce <https://github.com/rdcroce> Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage.
Bj&ouml;rn Kautler <https://github.com/Vampire> Refinements to cert path validation (authority key addition, certificate order preservation).
Dominik Sch&uuml;rmann <https://github.com/dschuermann> method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output.
Michael <MSKnete@64web.de> initial fix for bitStrength issue for OpenPGP EC keys.
Tobias Wagner <tobias.wagner@64n-design.de> Fix SecureRandom handling in BcAsymmetricKeyWrapper [#BJA-536].
Sergio Giro <sgiro@64google.com> Fixed adding of additional stores from CRL distribution point [#BJA-537]. Fixed missing null check for CRL certificate issuer [#BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.
bschuette <https://github.com/bschuette> Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.
Leonard Dallot <https://github.com/dallotTazTag> Fix to S2K usage of none on changing passwords on keys without passwords originally.
Jan Willem Janssen <j.w.janssen+bouncycastle@64xtreme.nl> Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial content signer verifier for BC lightweight EC.
Sebastian Oerding <sebastian.oerding@robotron.de> Fixes to toString() in x509.CertificatePolicies.
Kai Kramer <kai.kramer@64gmail.com> Code to deal with orphaned chain certificates in the PKCS#12
Benoit Charles <benoit.charles@opentrust.com> Fix for IES data length check on decryption. 

Niko <nfink95@064gmail.com> fix to cast issue in getOutputSize() for ECIES. 


Matthias Edelhoff <Matthias.Edelhoff@064cryptovision.com> BasicConstraintsValidation pathlen fix in PKIX certpath classes. 

Lukasz Deputat <lukasz.deputat@064gmail.com> Fixed bugs in TlsUtils read methods [#BJA-592]. 

Justin Ludwiger https://github.com/justinludwiger Iterator fix for PGObjectFactory to handle stream packets at start of iterated data. 

Andréacutere; Berenguel https://github.com/aberenguel Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi. 

Slawomir Jaranowski https://github.com/slawekjaranowski Patch to make cipher/hash/signature name methods in PGP internal API public. 

Andrey Vasilyev https://github.com/andrey-vasilyev Initial implementation of GOST R 34.11-2012. 

William Glanton <wglanton77@064gmail.com> Fixed bug in Poly1305 [#BJA-620]. 

jdvorak001 https://github.com/jdvorak001 Speed improvements for ASN.1 ObjectIdentifier cache. 

Joseph Naegel <jaegele@064grierforensics.com> Patch for handling multiple certificates in a DANE SMIMEA entry. 


The Google Security Team (Project Wycheproof) https://github.com/google/wycheproof Defect analysis and additional test cases for the provider. 

Gorka Irazoqui <girazoki@064wpi.edu> from Intel Security Center of Excellence https://security-center.intel.com/ detection of the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AesEngine. 

Joerg Senekowitsch <joerg.senekowitsch@064veridos.com> patch to deal with hard coded boolean in EAC ECDSAPublicKey. 

Alexandr Krivoshta <wipe@064ya.ru> N4 calculation fix to GOFB mode. 

Artem Storozhuk <stororjs72@064gmail.com> N4 calculation fix to GOFB mode. 

Na Yu <na.yu@064samsung.com> Constructor patches to CMC PKIData. 

Evangelos Karatsiolis <ekaratsiolis@064mtg.de> Corrected use of explicit tagging in X.509 PolicyConstraints class. 


Sebastian Wolfgang Roland <sebastianwolfgang.roland@064stud.tu-darmstadt.de> Initial XMSS/XMSS-MT implementation. 


Mike Safonov https://github.com/MikeSafonov initial implementation of GOST3410-2012 for light weight provider and JCA. 

Artem Storojszhuk <stororjs72@064gmail.com> initial implementation of DSTU7564 (digest) and DSTU7624 (cipher) and their associated modes. 

Andreas Glaser <andreas.glas@gi-de.com> patch to recognise ANSSI curves for PKCS#10 requests.
3.37 bouncycastle 1.56

3.37.1 Available under license:

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Thanks, may your castles never deflate!

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- Markus Niedermann &lt;markus.niedermann@#064;softwired-inc.com&gt; - porting information and restrictions when using the lightweight library with the MIDP environment.
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Ian Haywood <ian@#064haywood.bpa.nu> - addition of getSignatureType to PGPSignature.

Jonathan Edwards <s34gull@#064mac.com> - initial support for reading multiple rings from a PGP key file.

Andrew Thornton <andrew@#064caret.cam.ac.uk> - patch for RSA PUBLIC KEY in PEMReader.

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W.R. Dittmer <wdittmer@#064cs.vu.nl> - patch to decoding of SignatureCreationTime in BCPG. Patch to PGPKeyPair to fix nullpointer exception.

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Sai Pullabhotla <psai@#064linoma.com> - fix to PGP compressed data generator to improve compression levels. Performance improvements for KeyBasedLargeFileProcessor.

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- initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.

- fix to endianess in KDF2BytesGenerator, additional KDF2 tests.

- initial implementation of NaccacheStern cipher.

- fix to SignatureSubpacket critical bit setting.

- extra toString() support for ASN.1 library. Initial patch for large OID components.


- support for tags > 30 in ASN.1 parsing.

- first cut of internationalisation, initial PKIX validation classes.

- main set of test vectors for Bleichenbacher's forgery attack.

- general code clean ups.

- initial threaded random seed generator, constant-time PKCS#1.5 decoding.

- initial implementations of TEA/XTEA, Salsa20, ISAAC, and XTEA enhancements.

- addition of crlAccessMethod in X509ObjectIdentifiers.

- initial implementation of RSA blinding for signatures.

- addition of trust packet checking on revocation signatures in PGPSecretKeyRing.

- better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.

- additional modes and algorithm support in PEMReader.

- GnuPG compatibility changes for PBEFileProcessor.

- initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.

- initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.

- patch for alternate data type recoginition in CMSSignedDataParser.

- addition of NotationData packets for OpenPGP.

- patches towards improved Sun/default provider support in CMS.

- patches for supporting empty subject in X.509 certificate generation, noneWithECDSA.

- patch to deal with null revocations return from other CRL in X509V2CRLGenerator.

- correction to excluded DN in name constraints processing for PKIX processing.

- mask fix to single byte read in TlsInputStream.
Julien Pasquier <julienpasquier@free.fr> - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.

Peter Knopp <pknopp@064mg.de> - fix for named curve recognition in ECGOST key generation.

Jakub Gwozdz <gwozdiu@064rg.pl> - addition of getTsa() to TimeStampTokenInfo.

Bartosz Malkowski <bmalkow@064igase.org> - initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac.

Tal Yacobi <tal.yacobi@064tovian-tech.com> - fix for issue in OpenPGP examples [#BJA-55].

Massimiliano Ziccardi <massimiliano.ziccardi@064gmail.com> - support for counter signature reading in CMS API, update for multiple counter signature attributes.

Andrey Pavlenko <andrey.a.pavlenko@064gmail.com> - security manager patch for PKCS1Encoding property check.

Mike StJohns <mstjohns@064comcast.net> - updates to KeyPurposeId.

J Ross Nicoll <jrn@064jrn.me.uk> - improved exception handling for getInstance() in ASN.1 library.

Matthew Stevenson <mavricknz@064yahoo.com> - patch to constructor for CRMF CertSequence.

Gabriele Contini <gcontini@064hotpop.com> - identified a bug in ASN.1 library with handling of unterminated NDEF's.

Roelof Naude <roelof.naude@064epiuse.com> - patch for TLS client to send empty client certs in response to HP_CERTIFICATE_REQUEST.

Patrick Peck <speck@064signaturen.at> - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.

Michael LeMay <lemaymd@064lemaymd.com> - identified problem with EAX [#BJA-93].

Alex Dupre <ale@064FreeBSD.org> - fix to use of Signature rather than SignatureSp in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificationRequest [#BJA-102].

Michael Schoene <michael@064sigrid-und-michael.de> - fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().

Ion Larrañaga <ilarra@064aad.se> fix to default partial packet generation in BCPGOutputStream.

Bob Kerns <bob.kerns@positscience.com> fix to hashCode for X509CertificateObject.

Stefan Meyer <stefan.meyer@064ewe.de> backport for PKIXCertPathValidot and SMIMESignedMailReviewer.

Robert J. Moore <Robert.J.Moore@064allanbank.com> speedups for OpenPGPCFB mode, clean room JCE patches.

Rui Hodai <rui@064po.ntts.co.jp> speed ups for Camellia implementation, CamelliaLightEngine.

Emir Bucalovic <emir.bucalovic@064mail.com> initial implementation of Grain-v1 and Grain-128.

Torbjorn Svensson <tobbe79@064gmail.com> initial implementation of Grain-v1 and Grain-128.

Paul FitzPatrick <bouncycastle_pfitz@064fitzpatrick.cc> error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.

Henrik Andersson <h.andersson@064gmail.com> addition of UniqueIssuerID to certificate generation.

Cagdas Cirit <cagdascirit@064gmail.com> subjectAlternativeName fix for x509CertStoreSelector.

Harakiri <harakiri_23@064yahoo.com> datahandler patch for attached parts in SMIME signatures.

Pedro Henriques <pmahenriques@064gmail.com> explicit bounds checking for DESKeyGenerator, code simplification for OAEPEncoding.

Lothar Kimmeringer <job@064kimmeringer.de> verbose mode for ASN1Dump, support for DERExternal.

Richard Farr <rfarr.se@064gmail.com> initial SRP-6a implementation.

Thomas Castiglione <castiglione@064au.ibm.com> patch to encoding for CRMF OptionalValidity.
Elisabetta Romani <eromani@sogei.it> patch for recognising multiple counter signatures.
Robin Lundgren <r377lundgren#64gmail.com> CMPCertificate constructor from X509CertificateStructure fix.
Petr Kadlec <smormegil#64centrum.cz> fix to sign extension key and IV problem in HC-128, HC-256.
Andreas Antener <antener_a#64gmx.ch> fix to buffer reset in AsymmetricBufferedBlockCipher.
Harendra Rawat <hrswat#64yahoo.com> fix for BERConstructedOctetString.
Rolf Lindemann <linemann#64trustcenter.de> patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].
Alex Artamonov <alexart.home#64gmail.com> name look up patch for GOST-2001 parameters.
Mike Lyons <mlyons#64layer7tech.com> work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.
Chris Cole <chris_h_cole#64yahoo.com> identified a problem handling null passwords when loading a BKS keystore.
Tomas Krivanek <tom#64attic.cz> added checking of Sender header to SignedMailValidator.
Michael <emfa#64t-online.de> correction of field error in getResponse method in CertRepMessage.
Trevor Perrin <trevor#64cryptography.com> addition of constant time equals to avoid possible timing attacks.
Markus Kilarnings <markusk#64primekey.se> several enhancements to TimeStampResponseGenerator.
Dario Novakovic <darionis#64yahoo.com> fix for NPE when checking revocation reason on CRL without extensions.
Michael Smith <msmith#64cbnco.com> bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.
Andrea Zilio <andrea.zilio#64gmail.com> fix for PEM password encryption of private keys.
Alex Birkett <alex#64birkett.co.uk> added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].
Wayne Grant <waynedgrant#64gmail.com> additional OIDs for PCKS10 and certificate generation support.
Frank Cornelis <info#64frankcornelis.be> additional support classes for CAdES, enhancements to OCSP classes.
Jan Dittberner <jan#64dittberner.info> addHeader patch for SMIME generator.
Bob McGowan <boab.mcgoo#64btinternet.com> patch to support different content and mgf digests in PSS signing.
Ivo Matheis <i.matheis#64seeburger.de> fix to padding verification in ISO-9796-1.
Marco Sandrini <nessche#64gmail.com> patch to add IV to ISO9797Alg3Mac.
Alf Malf <alfmal#64hotmail.com> removal of unnecessary limit in CMSEContentInfoParser.
Alfonso Massa <alfonso.massa#64insiel.it> contributions to CMS time stamp classes.
Giacomo Boccardo <gboccardo#64unimaticaspa.it> initial work on CMSTimeStampedDataParser.
Arnis Tartu <arnis#64ut.ee> patches for dealing with OIDs with specific key sizes associated in CMS.
Janusz Sikocinski <j.sikocinski#64gdzie.pl> addition of Features subpacket support to OpenPGP API.
Juri Hudolejev <jhudolejev#64gmail.com> JavaDoc fix to CMSGignedDataParser.
Liane Velten <liane.velten#64hjp-consulting.com> fine tuning of code for DHParameters validation.
Shawn Willden <swillden#64google.com> additional functionality to PGPKeyRing.
Atanas Krachev <akrachev#64gmail.com> added support for revocation signatures in OpenPGP.
Mickael Laiking <mickael.laiking#64keynctis.com> initial cut of EAC classes.
Tim Buktu <tbktu#64hotmail.com> Initial implementation of NTRU signing and encryption.
Bernd <bernd#64gmail.com> Fix for open of PGP literal data stream with UTF-8 naming.
Steing Inge Morisbak <stein.inge.morisbak#64BEKK.no> Test code for lower case Hex data in PEM headers.
Andreas Schmid <andreas.schmid@tnngtech.com> Additional expiry time check in PGPPublicKeys.

Phil Steitz <phil.steitz@064gmail.com> Final patch eliminating JCE dependencies in the OpenPGP BC classes.

Ignat Korchagin <ignat.korchagin@064gmail.com> Initial implementation of DSTU-4145-2002, long hash fix for DSTU-4145-2002.

Petar Petrov <p.petrov@bers-soft.com> Testing and debugging of UTF-8 OpenPGP passwords.

Daniel Fitzpatrick <daniel.f.nwr@064gmail.com> Initial implementation of ephemeral key support for IES, initial implementations of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.

Andy Neilson <Andy.Neilson@quest.com> a further patches to deal with multiple providers and PEMReader.

Ted Shaw <xiao.xj@064gmail.com> patch to MiscPEMGenerator for handling new PKCS10CertificationRequests.

Eleriseth <Eleriseth@WPECGLtYbVt8Rl6Y7Vz1Lvd2EUVW99v3yNV3IWRvG8.fms> speed up for SIC/CTR mode. Provider compatibility generalisations for EC operations.

Kenny Root <kenny@064the-b.org> patch for issuerAltName, subjectAltName support in X509CertificateObject, BaseBlockCipher.getIV() patch for AEAD.

Maarten Bodewes <maarten.bodewes@064gmail.com> initial implementation of HKDF and NIST SP 800-108 MAC based KDF functions.

Philip Clay <pilf_b@064yahoo.com> Initial implementation of J-PAKE.

Brian Carlstrom <bdc@064carlstrom.com> compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, initial provider PBKDF2WithHmacSHA1 SecretKeyFactory.

Samuel Lidéron Borell <samuel@primekey.se> patch to add DSTU-4145 to DefaultSignatureAlgorithmFinder.

Sergio Demian Lerner <sergiolerner@064certimix.com> pointing out isInfinity issue in ECDSASigner signature verification.

Tim Whittington <Tim.Whittington@064orionhealth.com> patch to remove extra init call in CMac, additional of Memorable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Nokeon and CAST5 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInput/OutputSteam implementations for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digest, contributions to BCrypt/OpenBSDCrypt, PGP API documentation and code quality work.

Marcus Lundblad <marcus.lundblad@primekey.se> patch for working around JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.

Andrey Zhozhin <zhozhin@064xrm.ru> patch for override of TSP SignerInfo attributes.

Sergey Tiumov <t5555d@064gmail.com> initial cut of DVCS classes.

Damian Kolasa <fatfredy@064gmail.com> ASN1Sequence patch for class cast issue in X9Curve.

Ash Hughes <ashley.hughes@064blueyonder.co.uk> patches for supporting PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().

Daniel Hirsch <dev@064daniel-hirsch.de> patch to support parsing of explicit EC parameters in PEM files.

Daniele Ricci <daniele.athome@064gmail.com> initial implementation of EC keys for OpenPGP and RFC6637 support.
Matti Aarnio <matti.aarnio@methics.fi> tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes.

Babak Najafi <bnajafi@#064akamai.com> fixes to OpenPGP NotationData to prevent truncation problems.

Eric M&uuml;ller <eric.mueller@sage.de> additional standard algorithm name lookups in JcaPEMKeyConverter.

Mathias Herberts <Mathias.Herberts@#064gmail.com> fix to inOff usage in RFC3394WrapEngine.

Daniil Ivanov <daniil.ivanov@#064gmail.com> addition of provider support for GOST HMAC SecretKeyFactory.

Daniele Grasso <daniele.grasso@#064gmail.com> contributions to final Key calculation code for SRP6.

Andrey Utkin <cindrhc@#064gmail.com> patch to reconstruction of EC.GOST keys from PrivateKeyInfo objects in provider classes.

Arnis Tartu <arnis@#064ut.ee> checker for generated key vs OID in JceCMSContentEncryptorBuilder.

Roberto Tyley <> further work on completing gradle build.

Waldemar Dick <wdick@devmue.de> code improvement in x500 ASN.1 package.

Sid Steward <sid.steward@#064pdflabs.com> code improvements to ASN1Boolean.

Alex Klyubin <klyubin@#064google.com> AlgorithmParameters check for EC key agreement.

Jonathan Gillett <gsoc.student@#064gmail.com> Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix.

Andreas Reiter <andreas.reiter@iaik.tugraz.at> Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.

Kieran Miller <kieran.miller@#064gmail.com> initial implementation for RFC 5649 key wrap with padding.

Oliver Ehli <ehli@#064arago.de> Additional support for BSI plain ECDSA in the provider.

Daniel Heldt <Daniel.Heldt@#064cryptovision.com> Initial support for encodable state message digests.

Robert Bushman <bouncycastle@#064traxel.com> Clean up of DirectKeySignature example.

Maurice Aarts <maart@#064risecom.com> updated to KDF generator to follow NIST SP 800-108.

Franziskus Kiefer <https://github.com/franziskuskiefer> initial implementation of Cramer-Shoup.

KB Sriram <mail_kb@yahoo.com> testing for odd encodings for PGP User Attribute Subpackets.

Marco Schulze <marco@#064nighthlabs.de> Reported verification bug in GenericSigner.

Martin Schaef <https://github.com/martinschaefer> contributed a code-cleanup patch.

Lijun Liao <ljun.liao@#064gmail.com> addition of getSignatureAlgorithmID to BasicOCSPResp.

Tobias Wich <tobias.wich@#064ecsec.de> Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.

Hauke Mehrtens <hauke@#064hauke-m.de> TLS patch to add ECDHE_ECDSA CCM ciphersuites from RFC 7251.

Daniel Zimmerman <dmz@#064galois.com> Further key quality improvements to RSAKeyPairGenerator.

Jens Kapitza <j.kapitza@schwarze-allianz.de> Iterable support in OpenPGP API, code cleanup in OpenPGP API.

Johan Eklund <johan@#064primekey.se> update to RFC 6960 for OCSPObjectIdentifiers.

nikosn <https://github.com/nikosn> Fix to encoding of EC private keys to ensure encoding matches order length.

Axel von dem Bruch <axel-vdb@#064riseup.net> Contributions to BCrypt/OpenBSDBCrypt, original version of Blake2bDigest.

Derek Atkins <derek@#064ihtfp.com> Documentation fixes to X9ObjectIdentifiers.

Peter Jr Halicky <peto@#064halicky.sk> Correction to notification/error message handling in
SignedMailValidator.</li>
<li>lartiguePierre<https://github.com/lartiguePierre> Fix for counter signature SID in CMSSignedData.</li>
<li>Thomas Belot<https://github.com/thomas.belot+BC@#064gmail.com> initial CertPathLoopTest for demonstrating stack overflow issue.</li>
<li>Rich DiCroce<https://github.com/rdicroce> Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage.</li>
<li>Bjourn lj Kautler<https://github.com/Vampire> Refinements to cert path validation (authority key addition, certificate order preservation).</li>
<li>Dominik Schr m<https://github.com/dschuermann> method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output.</li>
<li>Michael <MSKnete@web.de> initial fix for bitStrength issue for OpenPGP EC keys.</li>
<li>Tobias Wagner <tobias.wagner@#064n-design.de> Fix SecureRandom handling in BcAsymmetricKeyWrapper [#BJA-536].</li>
<li>Sergio Giro <sgiro@#064google.com> Fixed adding of additional stores from CRL distribution point [#BJA-537]. Fixed missing null check for CRL certificate issuer [#BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.</li>
<li>bschuette<https://github.com/bschuette> Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.</li>
<li>Jan Willem Janssen <j.w.janssen@bouncycastle@#064lxetreme.nl> Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial content signer verifier for BC lightweight EC.</li>
<li>Sebastian Oerding <sebastian.oerding@robotron.de> Fixes to toString() in x509.CertificatePolicies.</li>
<li>Kai Kramer <kai.kramer@#064gmail.com> Code to deal with orphaned chain certificates in the PKCS#12 KeyStore.</li>
<li>Benoit Charles <benoit.charles@#064opentrust.com> Fix for IES data length check on decryption.</li>
<li>Niko <nfink95@#064gmail.com> fix to cast issue in getOutputSize() for ECIES.</li>
<li>akwizgran<https://github.com/akwizgran> Fixed clone of key in Blake2bDgest copy constructor, blake2b reset issue for varient keys.</li>
<li>Matthias Edelhoff <Matthias.Edelhoff@cryptovision.com> BasicConstraintsValidation pathlen fix in PKIX certpath classes.</li>
<li>Lukasz Deputat <lukasz.deputat@#064gmail.com> Fixed bugs in TlsUtils read methods [#BJA-592].</li>
<li>Justin Ludwig <https://github.com/justinludwig> Iterator fix for PGOBJECTFactory to handle stream packets at start of iterated data.</li>
<li>Andr malacut; Berenguel <https://github.com/aberenguel> Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi.</li>
<li>Slawomir Jarankaowski<https://github.com/slawejkjaranowski> Patch to make cipher/hash/signature name methods in PGP internal API public.</li>
<li>Andrey Vasilyev<https://github.com/andrey-vasilyev> Initial implementation of GOST R 34.11-2012.</li>
<li>William Glanton <wglanton77@#064gmail.com> Fixed bug in Poly1305 [#BJA-620].</li>
<li>jdvorak001<https://github.com/jdvorak001> Speed improvements for ASN.1 ObjectIdentifier cache.</li>
<li>Joseph Naegle <jnaegle@grierforensics.com> Patch for handling multiple certificates in a DANE SMIMEA entry.</li>
<li>Andrew Bonventre<https://github.com/andybons> NullPointerException fix for WNafUtil.</li>
<li>The Google Security Team (Project Wycheproof) <https://github.com/google/wycheproof> defect analysis and additional test cases for the provider.</li>
<li>The Intel Security Team < analysis detecting the issue with AESFastEngine (CVE-2016-1000339), additional
suggestions for improvement to hardening of AESEngine.

</ul>

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3.38 bsh-core 2.0 b4

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3.40 cassandra-driver-core 3.1.0

3.41 cassandra-driver-mapping 3.1.4

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

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// no documentation yet
type Legal_RegulatedWorkload struct {
    Entity

    // no documentation yet
    Account *Account `json:"account,omitempty" xmlrpc:"account,omitempty"

    // no documentation yet
    AccountId *int `json:"accountId,omitempty" xmlrpc:"accountId,omitempty"

    // no documentation yet
    EnabledFlag *bool `json:"enabledFlag,omitempty" xmlrpc:"enabledFlag,omitempty"

    // no documentation yet
    Id *int `json:"id,omitempty" xmlrpc:"id,omitempty"

    // no documentation yet
    Type *Legal_RegulatedWorkload_Type `json:"type,omitempty" xmlrpc:"type,omitempty"

    // no documentation yet
    WorkloadTypeId *int `json:"workloadTypeId,omitempty" xmlrpc:"workloadTypeId,omitempty"
}
type Legal_RegulatedWorkload_Type struct {
  Entity

  // no documentation yet
  Id *int `json:"id,omitempty" xmlrpc:"id,omitempty"

  // no documentation yet
  KeyName *string `json:"keyName,omitempty" xmlrpc:"keyName,omitempty"

  // no documentation yet
  Name *string `json:"name,omitempty" xmlrpc:"name,omitempty"
}

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3.80 go-restful 1.2

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3.81 go-rootcerts

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3.84 gosnmp 1.6-travis

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3.103 jackson-core 2.8.8

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3.105 jackson-core-asl 1.9.2

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl
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org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
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org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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Point of Contact:
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E-Mail: gordon.king@simulalabs.com
Fax: +1 800 822 0471

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Positions: Chief Operational Officer
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E-Mail: jstrachan@apache.org
Mailing Address: 1A Leigh Road, London, UK, N5 1ST

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E-Mail: jmcconnell@apache.org
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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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

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

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

org.eclipse.jetty.toolchain:jetty-schemas

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Full name: Julian Anthony Fox Gosnell
E-Mail: jules@coredevelopers.net
Mailing Address: 2, Tannery Cottages, Tannery Lane, Bramley, Surrey, GU5 0AB, UK.

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Corporation name: Simula Labs, Inc.
Mailing Address: 4676 Admiralty Way, Suite 520
               Marina Del Rey, CA 90292

Point of Contact:
Full name: Gordon King
E-Mail:    gordon.king@simulalabs.com
Fax:       +1 800 822 0471

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Date:

Signature:

Name: Gordon King

Positions: Chief Operational Officer

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<table>
<thead>
<tr>
<th>Name</th>
<th>Date added</th>
</tr>
</thead>
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<tr>
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<td>12 September 2006</td>
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<style type="text/css">
li {display: block;}
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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

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

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api
Oracle OpenJDK

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* java.sun.security.ssl

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OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec
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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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E-Mail: thomas.becker00@googlemail.com
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Version: GnuPG v1.4.10 (GNU/Linux)
iQEcBAEBAgAGBQJQBb4tAAoJEMHhjBmtgF91HDcHI/2nQDPuPztWFbBifnEoLF6JlRUKdJzAPZalDdMfIdDz7ucdRL1RDdzm4VIF2+fBKeBYQquZxiXiEghz+tKrlK30M12guFKNLDteQp9h2p3Zu9JU3KOy4m84IDWq72HRmh1nRyD6lzZFdGZ/D+69fFtgYGOFwEitOMAg/lRbsXHLPb0YO+Jyh/iXy+QRnQTCaAQ+tAgOlxd3w+J5s2sGdesYLAJQQacLeGh7EzD3F+4CkuwT4csub64LdXSlAV/J1u2OjZBfqlJaJ3FA60Ti+i3k
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Full name: Julian Anthony Fox Gosnell  
E-Mail: jules@coredevelopers.net  
Mailing Address: 2, Tannery Cottages, Tannery Lane, Bramley, Surrey, GU5 0AB, UK.

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Version: GnuPG v1.4.2.1 (GNU/Linux)

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Date:

Signature:

Name: Gordon King

Positions: Chief Operational Officer

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<table>
<thead>
<tr>
<th>Name</th>
<th>Date added</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simone Bordet</td>
<td>12 September 2006</td>
</tr>
</tbody>
</table>

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

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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* java.sun.security.ssl

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org.ow2.asm:asm-commons
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org.mortbay.jasper:apache-jsp
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org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
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org.eclipse.jetty.toolchain.jetty-schemas

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Mailing Address: 7717 S 167th Street, Omaha, Ne. 68136

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E-Mail: jules@coredevelopers.net
Mailing Address: 2, Tannery Cottages, Tannery Lane, Bramley, Surrey, GU5 0AB, UK.

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=piHm
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Positions: Chief Operational Officer

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<thead>
<tr>
<th>Name</th>
<th>Date added</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simone Bordet</td>
<td>12 September 2006</td>
</tr>
</tbody>
</table>

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Signature:

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Positions:

Schedule A

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<th>Date added</th>
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E-Mail: simone.bordet@gmail.com  
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Version: GnuPG v1.4.3 (GNU/Linux)

iD8DBQFOniQVhlFus9dGQRAmJmAJwL5y1loohvVQ1ICsparvjHMQuwqwCgiZFyLBDVaad1bJ1v1EHY901kPcg=
=6rqm
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Version: GnuPG v1.0.7 (GNU/Linux)

iD8DBQFE85cgq9Frj/CIRnRAmuJAKCFgi4W0UOH8iUn+Sv6PBHrF3BnLgCcDqqCZ0k0bTHfwaa5TtxQbScw=
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Version: GnuPG v1.4.1 (Darwin)
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Version: GnuPG v1.4.4 (MingW32)

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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3.130 jetty-http 9.4.5.v20170502

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C/W/GuQFfCJykkL2jd9/Ag=
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Version: GnuPG v1.4.10 (GNU/Linux)
iQEcBAEAe4ABQBlQBFb4tAAoJEMHhjBmtf91HdChH/2nQDPuPztWFrBifnEoLF6Jl
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Mailing Address: 2, Tannery Cottages, Tannery Lane, Bramley, Surrey, GU5 0AB, UK.

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iD8DBQFEEbh9SoT4b97cQk4RArCMAKCuNGYLHa6n/Or3GEdwCCLeQxsMPACdEhnE
I/stizRWWZZkeLbcg/xdQCE=
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iD8DBQFDFdjMI6j97Uv2lW248RAmGNAJ9/krpkiYJRrJTMXVkJL3cdnVvU+QCfYFeH
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Date:

Signature:

Name: Gordon King

Positions: Chief Operational Officer

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<table>
<thead>
<tr>
<th>Name</th>
<th>Date added</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simone Bordet</td>
<td>12 September 2006</td>
</tr>
</tbody>
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Positions:

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E-Mail: simone.bordet@gmail.com
Mailing Address:

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Version: GnuPG v1.4.1 (Darwin)
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.  
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

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

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MortBay

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

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

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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Version: GnuPG v1.4.2.1 (GNU/Linux)
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Full name: Jan Bartel
E-Mail: janb@eclipse.com
Mailing Address: 62 Church St Balmain NSW 2041 Australia

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Version: GnuPG v1.4.1 (GNU/Linux)

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

Point of Contact:
Full name: Gordon King
E-Mail: gordon.king@simulalabs.com
Fax: +1 800 822 0471

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Name: Gordon King

Positions: Chief Operational Officer

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<table>
<thead>
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<table>
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<tr>
<th>Name</th>
<th>Date added</th>
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Zokttk0bTHfwaa5TtxQbScw=
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E-Mail: gregw@eclipse.com
Mailing Address: 62 Church St. Balmain, NSW 2041, Australia

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Oracle

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

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm
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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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

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org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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

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E-Mail: jmcconnell@apache.org
Mailing Address: 7717 S 167th Street, Omaha, Ne. 68136

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E-Mail: thomas.becker00@googlemail.com
Mailing Address:

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Version: GnuPG v1.4.10 (GNU/Linux)
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<table>
<thead>
<tr>
<th>Name</th>
<th>Date added</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simone Bordet</td>
<td>12 September 2006</td>
</tr>
</tbody>
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Signature:

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Schedule A

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<th>Date added</th>
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Please sign:
-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.4.3 (GNU/Linux)
iD8DBQFFoniQVhlfUs9dGQRAmJmAJwL5y1loohnVQIICsparvjHMQuwqwCgiZFY
LBDVaad1b1vIEMY901kPcg=
=6rqm
-----END PGP SIGNATURE-----
-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

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Full name: Jeanfrancois Arcand  
E-Mail: jfarcand@apache.org  
Mailing Address: 1800 McGill College Avenue, Suite 800, H3A 3J6 Montreal, Quebec (Canada)

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-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.0.7 (GNU/Linux)
iD8DBQFE85cgaq9Frj/Cr1RAmuJAKCFgi4W0UOH8iUn+SV6PBHRF3BnLgCcDqqCZoktkbTHfwa5TtxQbScw=
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Version: GnuPG v1.4.1 (Darwin)
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-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.4.4 (MingW32)
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=HmqH
-----END PGP SIGNATURE-----
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Eclipse

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html
* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

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

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MortBay

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

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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Mortbay

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3.137 jetty-util 9.4.5.v20170502

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

-----

Oracle

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

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2-ce.html

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org.ow2.asm:asm-commons
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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

-----

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

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

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* java.sun.security.ssl
* javax.servlet:javax.servlet-api
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org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
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org.eclipse.jetty.toolchain:jetty-schemas

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The following artifacts are EPL.
  * org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
  * org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
  * org.eclipse.jetty.orbit:javax.mail.glassfish
Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

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

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

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

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

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL/GPLv2.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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package jnr.posix;

import jnr.ffi.NativeType;
import jnr.ffi.StructLayout;

public final class AixFileStat extends BaseFileStat implements NanosecondFileStat {
    private static final class Layout extends StructLayout {
        private Layout(jnr.ffi.Runtime runtime) {
            super(runtime);
        }

        public final Unsigned64 st_dev = new Unsigned64();
        public final Signed64  st_ino = new Signed64();
        public final Unsigned32  st_mode = new Unsigned32();
        public final Signed16  st_nlink = new Signed16();
        public final Unsigned16 st_flag = new Unsigned16();
        public final Unsigned32 st_uid = new Unsigned32();
        public final Unsigned32 st_gid = new Unsigned32();
        public final Unsigned64  st_rdev = new Unsigned64();
        public final Signed64  st_size = new Signed64();
        public final Signed32 st_atime = new Signed32();
        public final Signed32 st_atime_n = new Signed32();
        public final Signed32 st_pad1 = new Signed32();
        public final Signed64 st_mtime = new Signed64();
        public final Signed32 st_mtime_n = new Signed32();
        public final Signed32 st_pad2 = new Signed32();
        public final Signed64 st_ctime = new Signed64();
        public final Signed32 st_ctime_n = new Signed32();
        public final Signed32 st_pad3 = new Signed32();
        public final Unsigned64	st_blksize = new Unsigned64();
        public final Unsigned64	st_blocks = new Unsigned64();
    }
}
public final Signed32 st_vftype = new Signed32();

public final Unsigned32 st vfs = new Unsigned32();
public final Unsigned32 st_type = new Unsigned32();
public final Unsigned32 st_gen = new Unsigned32();
public final Padding st_reserved = new Padding(NativeType.UINT, 11);

/* total size should be 176 bytes */
}
private static final Layout layout = new Layout(jnr.ffi.Runtime.getSystemRuntime());

public AixFileStat(NativePOSIX posix) {
    super(posix, layout);
}

public long atime() {
    return layout.st_atime.get(memory);
}

public long blocks() {
    return layout.st_blocks.get(memory);
}

public long blockSize() {
    return layout.st_blksize.get(memory);
}

public long ctime() {
    return layout.st_ctime.get(memory);
}

public long dev() {
    return layout.st_dev.get(memory);
}

public int gid() {
    return (int) layout.st_gid.get(memory);
}

public long ino() {
    return layout.st_ino.get(memory);
}

public int mode() {
    return (int) layout.st_mode.get(memory) & 0xffff;
}

public long mtime() {
    return layout.st_mtime.get(memory);
public int nlink() {
    return (int) layout.st_nlink.get(memory);
}

public long rdev() {
    return layout.st_rdev.get(memory);
}

public long st_size() {
    return layout.st_size.get(memory);
}

public int uid() {
    return (int) layout.st_uid.get(memory);
}

@Override
public long aTimeNanoSecs() {
    return layout.st_atime_n.get(memory);
}

@Override
public long cTimeNanoSecs() {
    return layout.st_ctime_n.get(memory);
}

@Override
public long mTimeNanoSecs() {
    return layout.st_mtime_n.get(memory);
}

3.146 jnr-x86asm 1.0.2

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3.147 joda-time 2.9.9

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3.151 jsch 0.1.54

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3.152 json 20160810

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3.153 json-path 2.2.0

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3.169 kryo-shaded 3.0.3

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<head profile="http://www.w3.org/1999/xhtml/vocab">
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<link rel="canonical" href="/licenses/BSD-2-Clause" />
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<link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_xE-rWrJf-fncB6tzZtd2huxgxxu4WO-qwma6Xer30m4.css" media="all"/>
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<link type="text/css" rel="stylesheet" href="/opensource.org/files/css_css_KGZcOm3i1wmtbgZsjo-3V9FM4wZ-5UDcpJ7Vfzmt45E.css" media="all"/>
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<!-[if (lt IE 9)]>
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<![endif]-->

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3.170 logback-classic 1.1.11

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

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

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        x = " ";
    }
    document.getElementById("demo").innerHTML = x;
}
//--><!]]>
</script></div>

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3.179 mockito-core.jar 1.10.19

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3.206 ribbon-core 2.2.2

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3.224 spectator-reg-servo 0.30.0

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>>> Maven Settings (org.apache.maven:maven-settings)
>>> Maven Settings Builder (org.apache.maven:maven-settings-builder)
>>> Plexus :: Component Annotations (org.codehaus.plexus:plexus-component-annotations)
>>> Plexus Common Utilities (org.codehaus.plexus:plexus-utils)
>>> Plexus Component API (org.codehaus.plexus:plexus-component-api)
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- JOpt Simple (net.sf.jopt-simple:jopt-simple)
- ASM 4.0 (org.ow2.asm:asm)

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- Apache Commons Codec (commons-codec:commons-codec)
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- Apache HttpCore (org.apache.httpcomponents:httpcore)
- Plexus Cipher: encryption/decryption Component (org.sonatype.plexus:plexus-cipher)
- Plexus Security Dispatcher Component (org.sonatype.plexus:plexus-sec-dispatcher)
- Apache Commons Logging (commons-logging:commons-logging)
- Apache Groovy (org.codehaus.groovy:groovy)
- Maven Aether Provider (org.apache.maven:maven-aether-provider)
- Maven Model (org.apache.maven:maven-model)
- Maven Model Builder (org.apache.maven:maven-model-builder)
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>>> org.codehaus.groovy:groovy
>>> org.apache.maven:maven-aether-provider
>>> org.apache.maven:maven-model
>>> org.apache.maven:maven-model-builder
>>> org.apache.maven:maven-repository-metadata
>>> org.apache.maven:maven-settings
>>> org.apache.maven:maven-settings-builder
>>> org.codehaus.plexus:plexus-component-annotations
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>>> Apache Commons Logging (commons-logging:commons-logging)
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>>> org.codehaus.groovy:groovy
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>>> org.codehaus.groovy:groovy
>>> org.apache.maven:maven-aether-provider
>>> org.apache.maven:maven-model
>>> org.apache.maven:maven-model-builder
>>> org.apache.maven:maven-repository-metadata
>>> org.apache.maven:maven-settings
>>> org.apache.maven:maven-settings-builder
>>> org.codehaus.plexus:plexus-component-annotations
>>> org.codehaus.plexus:plexus-utils
>>> org.codehaus.plexus:plexus-component-api
>>> org.codehaus.plexus:plexus-interpolation

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>>> JOpt Simple (net.sf.jopt-simple:jopt-simple)
>>> ASM 4.0 (org.ow2.asm:asm)

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>>> Apache Commons Codec (commons-codec:commons-codec)
>>> Apache HttpClient (org.apache.httpcomponents:httpclient)
>>> Apache HttpCore (org.apache.httpcomponents:httpcore)
>>> Plexus Cipher: encryption/decryption Component (org.sonatype.plexus:plexus-cipher)
>>> Plexus Security Dispatcher Component (org.sonatype.plexus:plexus-sec-dispatcher)
>>> Apache Commons Logging (commons-logging:commons-logging)
>>> Apache Groovy (org.codehaus.groovy:groovy)
>>> Maven Aether Provider (org.apache.maven:maven-aether-provider)
>>> Maven Model (org.apache.maven:maven-model)
>>> Maven Model Builder (org.apache.maven:maven-model-builder)
>>> Maven Repository Metadata Model (org.apache.maven:maven-repository-metadata)
>>> Maven Settings (org.apache.maven:maven-settings)
>>> Maven Settings Builder (org.apache.maven:maven-settings-builder)
>>> Plexus :: Component Annotations (org.codehaus.plexus:plexus-component-annotations)
>>> Plexus Common Utilities (org.codehaus.plexus:plexus-utils)
>>> Plexus Component API (org.codehaus.plexus:plexus-component-api)
>>> Plexus Interpolation API (org.codehaus.plexus:plexus-interpolation)

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>>> Aether Connector Basic (org.eclipse.aether:aether-connector-basic)
>>> Aether Implementation (org.eclipse.aether:aether-impl)
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>>> org.codehaus.plexus:plexus-cipher
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1.5.4

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>>> Maven Model (org.apache.maven:maven-model)
>>> Maven Model Builder (org.apache.maven:maven-model-builder)
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>>> Maven Settings (org.apache.maven:maven-settings)
>>> Maven Settings Builder (org.apache.maven:maven-settings-builder)
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>>> Plexus Common Utilities (org.codehaus.plexus:plexus-utils)
>>> Plexus Component API (org.codehaus.plexus:plexus-component-api)
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>>> org.apache.maven:maven-model
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>>> org.apache.maven:maven-model-builder
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>>> Apache HttpClient (org.apache.httpcomponents:httpclient)
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>>> Plexus Cipher: encryption/decryption Component (org.sonatype.plexus:plexus-cipher)
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3.248 spring-boot-test-autoconfigure

1.5.4.RELEASE

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3.252 spring-cloud-consul-discovery
1.2.1.RELEASE

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3.253 spring-cloud-context 1.2.2.RELEASE

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<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
</button>
</div>
</div>
</nav>
</header>

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3.258 spring-cloud-sleuth-stream
1.2.1.RELEASE
**3.258.1 Available under license:**

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3.259 spring-cloud-starter 1.2.2.RELEASE

3.259.1 Available under license:

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</li>
</ol>

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6510
3.261 spring-cloud-starter-consul

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<body>

<!-- Navigation -->

<header>
<nav class="navbar navbar-default navbar-fixed-top">
<div class="container">
<div class="navbar-header">
<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a href="/#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
</div>
<div class="collapse navbar-collapse" id="mainnav-collapse">
<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo&nbsp;<a href="/licenses/">Licenses</a></div>
<ul class="nav navbar-nav navbar-right">
<li class="dropdown">
<a href="/#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
<ul class="dropdown-menu" role="menu">
<li><a href="/foundation">Overview</a></li>
<li><a href="/foundation/members.html">Members</a></li>
<li><a href="/foundation/how-it-works.html">Process</a></li>
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/glossary.html">Glossary</a></li>
<li><a href="/foundation/preFAQ.html">FAQ</a></li>
<li><a href="/foundation/contact.html">Contact</a></li>
</ul>
</li>
</ul>
</div>
</div>
</nav>
</header>
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
'http://cse.google.com/cse.js?cx=--;'
var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(gcse, s);
})
</script>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
  It was originally lifted from http://subversion.apache.org/style/site.css */
/*
  * Hide class="elementid-permalink", except when an enclosing heading
  * has the :hover property.
  */
.headerlink, .elementid-permalink {
  visibility: hidden;
}
</style>
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</head>

<body>

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<header>
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<div class="container">
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<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
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</div>
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</button>
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</div>
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&lt;li class="dropdown"&gt;
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</ul>
</div>
</div>
</nav>
</body>
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</p></pre>

<!-- Footer -->
<footer class="bg-primary">
<div class="container">
<div class="row">
</div>
</footer>
3.263 spring-cloud-starter-consul-discovery
1.0.2.RELEASE

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<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">
<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
<link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
<link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
<link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
<link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
<link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
<link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
<link rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
<link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
<link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
<link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
<link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
</head>
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<!-- Navigation -->

<header>
<div class="navbar navbar-default navbar-fixed-top">
<div class="container">
<div class="navbar-header">
<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
</div>
<div class="collapse navbar-collapse" id="mainnav-collapse">
<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo&nbsp;<a href="/licenses/">Licenses</a></div>
<ul class="nav navbar-nav navbar-right">
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
<ul class="dropdown-menu" role="menu">
<li><a href="/foundation/">Overview</a></li>
<li><a href="/foundation/members.html/">Members</a></li>
<li><a href="/foundation/how-it-works.html/">Process</a></li>
</ul>
</li>
</ul>
</div>
</div>
</header>
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</pre>
</div>

<!-- Footer -->
3.264 spring-cloud-starter-consul-discovery

1.2.1.RELEASE

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<!DOCTYPE html>
<html lang="en">
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<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
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<link rel="apple-touch-icon" sizes="114x114" href="/images/icons/apple-touch-icon-114x114.png">
<link rel="shortcut icon" type="image/png" href="/images/icons/favicon-16x16.png" sizes="16x16">
<link rel="shortcut icon" type="image/png" href="/images/icons/favicon-32x32.png" sizes="32x32">
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<link rel="shortcut icon" type="image/png" href="/images/icons/favicon-128x128.png" sizes="128x128">
<link rel="stylesheet" type="text/css" href="/css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="/css/font-awesome.min.css">
<link rel="stylesheet" type="text/css" href="/css/style.css">
</head>
<body>
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3.265 spring-cloud-starter-feign

1.3.1.RELEASE

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```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="utf-8">
</head>

<body>
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</body>
</html>
```
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3.266 spring-cloud-starter-hystrix

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3.267 spring-cloud-starter-ribbon

1.3.1.RELEASE

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3.268 spring-cloud-starter-sleuth

1.2.1.RELEASE

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<li><a href="/foundation/preFAQ.html">FAQ</a></li>
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</pre></div></div>

<!-- Footer -->
<footer class="bg-primary">
<div class="container">
<div class="row">
<br />
<div class="col-sm-1">
</div>
<div class="col-sm-2">
<h5 class="white">Community</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="http://community.apache.org/">Overview</a></li>
<li><a href="/foundation/conferences.html">Conferences</a></li>
<li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
<li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
<li><a href="/travel/">Travel Assistance</a></li>
<li><a href="/foundation/getinvolved.html">Get Involved</a></li>
<li><a href="http://community.apache.org/newbiefaq.html">Community FAQ</a></li>
<li><a href="/memorials/">Memorials</a></li>
</ul>
</div>
<div class="col-sm-2">
<h5 class="white">Innovation</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="http://incubator.apache.org/">Incubator</a></li>
<li><a href="http://labs.apache.org/">Labs</a></li>
<li><a href="/licenses/">Licensing</a></li>
<li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
</div>
</div>
</footer>
3.269 spring-cloud-starter-spectator

1.3.1.RELEASE

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<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">
<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png"
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png"
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<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">
</head>
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</head>

<body>

<!-- Navigation -->
<header>
<nav class="navbar navbar-default navbar-fixed-top">
<div class="container">
<div class="navbar-header">
<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a href="/" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
</div>
<div class="collapse navbar-collapse" id="mainnav-collapse">
<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo&nbsp;<a href="/licenses/">Licenses</a></div>
<ul class="nav navbar-nav navbar-right">
<li class="dropdown">
<a href="/" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
<ul class="dropdown-menu" role="menu">
<li><a href="/foundation/">Overview</a></li>
<li><a href="/foundation/members.html">Members</a></li>
<li><a href="/foundation/how-it-works.html">Process</a></li>
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/glossary.html">Glossary</a></li>
<li><a href="/foundation/preFAQ.html">FAQ</a></li>
<li><a href="/foundation/contact.html">Contact</a></li>
</ul>
</li>
</ul>
</div>
</div>
</nav>
</header>

<%-- Navigation -->
<div class="container">
<div class="row">
</div>
</div>
</body>
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Version 2.0, January 2004

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<div class="container">
<div class="row">
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</div>
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</div>
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1.2.1.RELEASE

3.271 spring-cloud-starter-vault-config
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<body>

3.272 spring-cloud-starter-zuul

1.3.1.RELEASE

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Open Source Used In Cisco Virtual Managed Services (VMS) Platform 3.3

6604

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3.273 spring-cloud-stream 1.2.2.RELEASE

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<meta charset="utf-8">
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<meta name="description" content="Home page of The Apache Software Foundation">
<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
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<!-- / Footer -->
<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>
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3.274 spring-cloud-stream-binder-kafka
1.2.1.RELEASE
3.275 spring-cloud-stream-binder-kafka-core
1.2.1.RELEASE

3.276 spring-cloud-stream-codec
1.2.2.RELEASE

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<link href="/css/styles.css" rel="stylesheet">

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 Meritocracy</a></li>
<li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
<li><a href="http://planet.apache.org/">Planet Apache</a></li>
</ul>

<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span class="caret"></span></a>
<ul class="dropdown-menu role="menu">
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<li><a href="http://community.apache.org/">Community Development</a></li>
<li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
<li><a href="http://www.apachecon.com/">ApacheCon</a></li>
</ul>
</li>

<li><a href="/dyn/closer.cgi">Download</a></li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span class="caret"></span></a>
<ul class="dropdown-menu role="menu">
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/contributing.html">Donations</a></li>
<li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
<li><a href="/foundation/thanks.html">Thanks</a></li>
</ul>
</li>

</ul>

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<!-- / Navigation -->

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<div class="col-md-9 col-sm-8 col-xs-12">

<a href="http://apache.org/foundation/contributing.html" title="Support Apache" style="margin-left: 150px;">
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</a>

</div>

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</div>

</div>

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var gcse = document.createElement('script');
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gcse.async = true;

</script>
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3.290 spring-integration-kafka 2.1.0.RELEASE

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3.291 spring-integration-tuple 1.0.0.RELEASE

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3.292 spring-integration-zookeeper 4.3.10

3.293 spring-kafka 1.1.6.RELEASE

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3.296 spring-plugin-core 1.2.0.RELEASE

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3.300 spring-security-core 4.2.3.RELEASE

3.301 spring-security-crypto 4.2.3.RELEASE
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<html lang="en">
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<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
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```
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<li><a href="/foundation/conferences.html">Conferences</a></li>
<li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
<li><a href="foundation/how-it-works.html">The Apache Way</a></li>
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3.304 spring-security-rsa 1.0.3.RELEASE

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<html lang="en">
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<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
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<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
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</head>

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<header>
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<div class="container">
<div class="navbar-header">
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<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
</div>
<div class="collapse navbar-collapse" id="mainnav-collapse">
<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo&nbsp;<a href="/licenses/">Licenses</a></div>
<ul class="nav navbar-nav navbar-right">
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
<ul class="dropdown-menu" role="menu">
<li><a href="/foundation/">Overview</a></li>
<li><a href="/foundation/members.html">Members</a></li>
<li><a href="/foundation/how-it-works.html">Process</a></li>
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/glossary.html">Glossary</a></li>
<li><a href="/foundation/preFAQ.html">FAQ</a></li>
<li><a href="/foundation/contact.html">Contact</a></li>
</ul>
</li>
<li><a href="/index.html#projects-list">Projects</a></li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
<ul class="dropdown-menu" role="menu">
<li><a href="http://people.apache.org/">Overview</a></li>
<li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
<li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
<li><a href="http://planet.apache.org/">Planet Apache</a></li>
</ul>
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          <li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
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3.327 thymeleaf-spring4 2.1.5.RELEASE

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- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
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- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
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- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
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- web-common_3_0.xsd
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3.347 zookeeper/jtoaster+jersey+grizzly 3.4.8
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3.348 zookeeper/zooinspector-icons 3.4.8

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3.349 zuul-core 1.3.0

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4.1 angular 1.4.14

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4.8 angular-dashboard-framework 0.12.0

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4.12 angular-mocks 1.4.14
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4.14 angular-nvd3 0.0.9

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4.16 angular-sanitize 1.4.14

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4.21 angular-uuid-secure 0.0.6

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4.24 angularjs-nvd3-directives 0.0.7

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4.27 bootstrap-sass 3.3.7

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4.28 clipboard.js 1.5.16

4.29 d3 3.4.13

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4.30 D3-Tip 0.6.8

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4.35 ion.rangeSlider 2.0.13

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4.37 jquery-ui 1.12.1

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4.40 mapbox.js 2.2.4

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4.41 moment 2.10.6

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4.42 moment-timezone 0.5.14

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4.43 ng-file-upload 12.2.13

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4.47 ngstorage 0.3.11

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4.51 oclazyload 1.1.0

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4.53 socket.io-client 2.0.4

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4.54 Sortable 1.6.

4.55 ui-router 0.2.18

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