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1.4 ajaxterm4j 1.7

1.5 ajaxterm4j-trilead-ssh 1.7

1.6 akka-actor_2.10 2.3.15

1.7 amzn-drivers-ena 1.5.0

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1.13 angular-bootstrap-datetimepicker 0.3.13

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1.17 angular-google-maps 2.0.6

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1.23 angular-resource 1.3.4

1.24 angular-route 1.3.4

1.25 angular-sanitize 1.3.4

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packaged angular-sanitize

This repo is for distribution on `npm` and `bower`. The source for this module is in the [main AngularJS repo](<https://github.com/angular/angular.js/tree/master/src/ngSanitize>). Please file issues and pull requests against that repo.

Install

You can install this package either with `npm` or with `bower`.

npm

```
```shell
npm install angular-sanitize
```
```

Add a ``<script>`` to your `index.html`:

```
```html
<script src="/node_modules/angular-sanitize/angular-sanitize.js"></script>
```
```

Then add `ngSanitize` as a dependency for your app:

```
```javascript
angular.module('myApp', ['ngSanitize']);
```
```

Note that this package is not in CommonJS format, so doing `require('angular-sanitize')` will return `undefined`.

bower

```
```shell
bower install angular-sanitize
```
```

Add a ``<script>`` to your `index.html`:

```
```html
<script src="/bower_components/angular-sanitize/angular-sanitize.js"></script>
```
```

Then add `ngSanitize` as a dependency for your app:

```
```javascript
angular.module('myApp', ['ngSanitize']);
```
```

Documentation

Documentation is available on the
[AngularJS docs site](http://docs.angularjs.org/api/ngSanitize).

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1.28 angular-ui-ace 0.2.3

1.29 angular-ui-grid 3.2.1

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1.33 angular-ui-select 0.18.1

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1.34 angular-validation-match 1.4.0

1.35 angular-vs-repeat 1.1.7

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1.36 annotations 2.0.1

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1.44 base-files 3.0.14

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1.45 base-passwd 3.5.29

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Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Name: base-passwd

Maintainer: Colin Watson <cjwatson@debian.org>

Files: update-passwd.c, man/*

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```
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1.46 bash 4.3

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Version 3, 29 June 2007

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1.47 bc 1.06

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1.48 beautifulsoup4 4.4.1 :1

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1.49 binutils 2.24

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

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```
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under certain conditions; type `show c' for details.
```

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```
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```

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```
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```

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

```
Ty Coon, President of Vice
```

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Version 2, June 1991

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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.

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

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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.)

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

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials

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

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

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

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

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1.52 boost 1.55.0

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/* Blob.js

* A Blob implementation.

* 2014-05-31

*

* By Eli Grey, <http://eligrey.com>

* By Devin Samarin, <https://github.com/eboyjr>

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```
*/
/* FileSaver.js
 * A saveAs() FileSaver implementation.
 * 2014-05-27
 *
 * By Eli Grey, http://eligrey.com
 * License: X11/MIT
 * See https://github.com/eligrey/FileSaver.js/blob/master/LICENSE.md
*/
/*!
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 *
 * Copyright (c) 2009-2014, Alexis Sellier <self@cloudhead.net>
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 *
 */
/** * @license Apache v2
 */
```

1.54 boto3 1.4.4

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1.55 botocore 1.10.84

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```
{
  "ResponseMetadata": {
    "RequestId": "9a285199-c8d6-47c2-bdb2-314cb47d599d"
  }
}
```

Botocore includes a vendorized copy of the requests python library to ease installation.

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=====

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```
<AddPermissionResponse xmlns="http://sns.amazonaws.com/doc/2010-03-31/">
  <ResponseMetadata>
    <RequestId>6a213e4e-33a8-11df-9540-99d0768312d3</RequestId>
  </ResponseMetadata>
</AddPermissionResponse>
<AddPermissionResponse xmlns="http://queue.amazonaws.com/doc/2012-11-05/">
  <ResponseMetadata>
    <RequestId>9a285199-c8d6-47c2-bdb2-314cb47d599d</RequestId>
  </ResponseMetadata>
</AddPermissionResponse>
{
  "ResponseMetadata": {
    "RequestId": "6a213e4e-33a8-11df-9540-99d0768312d3"
  }
}
{
  "ResponseMetadata": {
    "RequestId": "9a285199-c8d6-47c2-bdb2-314cb47d599d"
  }
}
```

1.56 build-helper-maven-plugin 1.12

1.57 busybox 1.22.1

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Julian Seward, Cambridge, UK.

jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

1.59 c-ares 1.12.0

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*/

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* getopt.c --

*

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Files: mozilla/certdata.txt

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Comment: certdata.txt >= CVS Revision: 1.83

NSS no longer contains explicit copyright - upstream bug:

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update-ca-certificates

#

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1.61 certifi 2018.1.18

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree: <http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>
It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$
Metadata-Version: 1.1
Name: certifi
Version: 2018.1.18
Summary: Python package for providing Mozilla's CA Bundle.
Home-page: <http://certifi.io/>
Author: Kenneth Reitz
Author-email: me@kennethreitz.com
License: MPL-2.0
Description: Certifi: Python SSL Certificates

=====

`Certifi`_ is a carefully curated collection of Root Certificates for validating the trustworthiness of SSL certificates while verifying the identity of TLS hosts. It has been extracted from the `Requests`_ project.

Installation

`certifi` is available on PyPI. Simply install it with `pip`::

```
$ pip install certifi
```

Usage

To reference the installed certificate authority (CA) bundle, you can use the built-in function::

```
>>> import certifi

>>> certifi.where()
'/usr/local/lib/python2.7/site-packages/certifi/cacert.pem'
```

Enjoy!

1024-bit Root Certificates

~~~~~

Browsers and certificate authorities have concluded that 1024-bit keys are unacceptably weak for certificates, particularly root certificates. For this reason, Mozilla has removed any weak (i.e. 1024-bit key) certificate from its bundle, replacing it with an equivalent strong (i.e. 2048-bit or greater key) certificate from the same CA. Because Mozilla removed these certificates from its bundle, ``certifi`` removed them as well.

In previous versions, ``certifi`` provided the ``certifi.old\_where()`` function to intentionally re-add the 1024-bit roots back into your bundle. This was not recommended in production and therefore was removed. To assist in migrating old code, the function ``certifi.old\_where()`` continues to exist as an alias of ``certifi.where()``. Please update your code to use ``certifi.where()`` instead. ``certifi.old\_where()`` will be removed in 2018.

```
.. _`Certifi`: http://certifi.io/en/latest/  
.. _`Requests`: http://docs.python-requests.org/en/latest/
```

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: Mozilla Public License 2.0 (MPL 2.0)

Classifier: Natural Language :: English

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.6

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.3

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Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: 3.6

This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with

an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

## 1.62 cffi 1.11.5

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## 1.64 cloud-init 0.7.6

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Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Name: cloud-init

Maintainer: Scott Moser <[scott.moser@canonical.com](mailto:scott.moser@canonical.com)>

Source: <https://launchpad.net/cloud-init>

This package was debianized by Soren Hansen <[soren@ubuntu.com](mailto:soren@ubuntu.com)> on Thu, 04 Sep 2008 12:49:15 +0200 as ec2-init. It was later renamed to cloud-utils by Scott Moser <[scott.moser@canonical.com](mailto:scott.moser@canonical.com)>

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## 1.80 coreutils 8.22

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# 1.85 curl 7.35.0

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axTLS <http://axtls.sourceforge.net/>

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zlib [http://www.gzip.org/zlib/zlib\\_license.html](http://www.gzip.org/zlib/zlib_license.html)

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

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#### krb4

While nothing in particular says that a Kerberos4 library must use any particular license, the one I've tried and used successfully so far (kth-krb4) is partly Original BSD-licensed with the announcement clause. Some of the code in libcurl that is written to deal with Kerberos4 is Modified BSD-licensed.

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## 1.86 daemonize 2.4.6

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## 1.87 dagger 2.7

## 1.88 dagger-compiler 2.7

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```
.H)org/eclipse/text/edits/CopyingRangeMarkerorg/eclipse/text/edits/TextEditCopyingRangeMarker.javaafTextLjava/lang/String;<init>(II)V
```

```
this+Lorg/eclipse/text/edits/CopyingRangeMarker;offsetIlength.(Lorg/eclipse/text/edits/CopyingRangeMarker;)V$(Lorg/eclipse/text/edits/TextEdit;)V  
otherdoCopy#()Lorg/eclipse/text/edits/TextEdit;
```



```
accept0+(Lorg/eclipse/text/edits/TextEditVisitor;)V&org/eclipse/text/edits/TextEditVisitorvisit.(Lorg/eclipse/text/edits/CopyingRangeMarker;)Z !
"acceptChildren$
%visitor(Lorg/eclipse/text/edits/TextEditVisitor;
visitChildrenZperformDocumentUpdating%(Lorg/eclipse/jface/text/IDocument;)I+org/eclipse/jface/text/BadLocationException- getOffset()/I/0
1 getLength30
4 org/eclipse/jface/text/IDocument6get(II)Ljava/lang/String;897:fDelta<
=document"Lorg/eclipse/jface/text/IDocument;deleteChildren()ZCodeLocalVariableTableLineNumberTable
Exceptions
SourceFile1 CI*D
E
#$CJ*+*+D
```

```
E*+
,C3 Y*D
E2CZ+*#=*+&D
'(
)*E9:
;=+,CX*+*2*5;*>*>D
?@ECDEF.ABC,D
ELG
```

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Upstream Author: Christian Werner <chw@ch-werner.de>

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 */
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#### A. HISTORY OF THE SOFTWARE

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

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

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

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

| Release        | Derived from | Year      | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|-------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI   | yes                 |

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

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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

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Advice for new contributors

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New contributor and not sure what to do? Want to help but just don't know how to get started? This is the section for you.

.. admonition:: Basic tools and workflow

If you are new to contributing to Django, the `:doc:`/intro/contributing`` tutorial will give you an introduction to the tools and the workflow.

First steps

=====

Start with these easy tasks to discover Django's development process.

### \* \*\*Sign the Contributor License Agreement\*\*

The code that you write belongs to you or your employer. If your contribution is more than one or two lines of code, you need to sign the `CLA`\_. See the `Contributor License Agreement FAQ`\_ for a more thorough explanation.

### \* \*\*Triage tickets\*\*

If an `unreviewed ticket`\_ reports a bug, try and reproduce it. If you can reproduce it and it seems valid, make a note that you confirmed the bug and accept the ticket. Make sure the ticket is filed under the correct component area. Consider writing a patch that adds a test for the bug's behavior, even if you don't fix the bug itself. See more at :ref:`how-can-i-help-with-triaging`

### \* \*\*Look for tickets that are accepted and review patches to build familiarity with the codebase and the process\*\*

Mark the appropriate flags if a patch needs docs or tests. Look through the changes a patch makes, and keep an eye out for syntax that is incompatible with older but still supported versions of Python. :doc:`Run the tests </internals/contributing/writing-code/unit-tests>` and make sure they pass. Where possible and relevant, try them out on a database other than SQLite. Leave comments and feedback!

### \* \*\*Keep old patches up to date\*\*

Oftentimes the codebase will change between a patch being submitted and the time it gets reviewed. Make sure it still applies cleanly and functions as expected. Simply updating a patch is both useful and important! See more on :doc:`writing-code/submitting-patches`.

### \* \*\*Write some documentation\*\*

Django's documentation is great but it can always be improved. Did you find a typo? Do you think that something should be clarified? Go ahead and suggest a documentation patch! See also the guide on :doc:`writing-documentation`.

.. note::

The `reports page`\_ contains links to many useful Trac queries, including several that are useful for triaging tickets and reviewing patches as suggested above.

.. \_reports page: <https://code.djangoproject.com/wiki/Reports>



.. \_CLA: <https://www.djangoproject.com/foundation/cla/>  
.. \_Contributor License Agreement FAQ: <https://www.djangoproject.com/foundation/cla/faq/>  
.. \_unreviewed ticket: <https://code.djangoproject.com/query?status=!closed&stage=Unreviewed>

## Guidelines

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As a newcomer on a large project, it's easy to experience frustration. Here's some advice to make your work on Django more useful and rewarding.

\* \*\*Pick a subject area that you care about, that you are familiar with, or that you want to learn about\*\*

You don't already have to be an expert on the area you want to work on; you become an expert through your ongoing contributions to the code.

\* \*\*Analyze tickets' context and history\*\*

Trac isn't an absolute; the context is just as important as the words.

When reading Trac, you need to take into account who says things, and when they were said. Support for an idea two years ago doesn't necessarily mean that the idea will still have support. You also need to pay attention to who *hasn't* spoken -- for example, if an experienced contributor hasn't been recently involved in a discussion, then a ticket may not have the support required to get into Django.

\* \*\*Start small\*\*

It's easier to get feedback on a little issue than on a big one. See the ``easy pickings`_`.

\* \*\*If you're going to engage in a big task, make sure that your idea has support first\*\*

This means getting someone else to confirm that a bug is real before you fix the issue, and ensuring that there's consensus on a proposed feature before you go implementing it.

\* \*\*Be bold! Leave feedback!\*\*

Sometimes it can be scary to put your opinion out to the world and say "this ticket is correct" or "this patch needs work", but it's the only way the project moves forward. The contributions of the broad Django community ultimately have a much greater impact than that of any one person. We can't do it without *\*\*you\*\**!

**\*\*Err on the side of caution when marking things Ready For Check-in\*\***

If you're really not certain if a ticket is ready, don't mark it as such. Leave a comment instead, letting others know your thoughts. If you're mostly certain, but not completely certain, you might also try asking on IRC to see if someone else can confirm your suspicions.

**\*\*Wait for feedback, and respond to feedback that you receive\*\***

Focus on one or two tickets, see them through from start to finish, and repeat. The shotgun approach of taking on lots of tickets and letting some fall by the wayside ends up doing more harm than good.

**\*\*Be rigorous\*\***

When we say ":pep:`8`, and must have docs and tests", we mean it. If a patch doesn't have docs and tests, there had better be a good reason. Arguments like "I couldn't find any existing tests of this feature" don't carry much weight--while it may be true, that means you have the extra-important job of writing the very first tests for that feature, not that you get a pass from writing tests altogether.

.. [\\_easy pickings: https://code.djangoproject.com/query?status=!closed&easy=1](https://code.djangoproject.com/query?status=!closed&easy=1)

.. [\\_new-contributors-faq:](#)

## FAQ

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1. **\*\*This ticket I care about has been ignored for days/weeks/months! What can I do to get it committed?\*\*\***

First off, it's not personal. Django is entirely developed by volunteers (except the Django fellow), and sometimes folks just don't have time. The best thing to do is to send a gentle reminder to the `[django-developers]` mailing list asking for review on the ticket, or to bring it up in the `#django-dev`` IRC channel.

2. **\*\*I'm sure my ticket is absolutely 100% perfect, can I mark it as RFC myself?\*\*\***

Short answer: No. It's always better to get another set of eyes on a ticket. If you're having trouble getting that second set of eyes, see question 1, above.

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/\* io.h - Virtual disk input/output

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\*/

/\* FAT32, VFAT, Atari format support, and various fixes additions May 1998

\* by Roman Hodek <[Roman.Hodek@informatik.uni-erlangen.de](mailto:Roman.Hodek@informatik.uni-erlangen.de)> \*/

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```
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```

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:  
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Theodore Ts'o  
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Version 2, June 1991

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Index: tdbsa/tdb.c

=====  
--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

\*/

/\*

- Unix SMB/CIFS implementation.  
+ trivial database library - standalone version

- trivial database library - private includes

-

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#

# This is a Makefile stub which handles the creation of BSD shared  
# libraries.

#

# In order to use this stub, the following makefile variables must be defined.

#

# BSDLIB\_VERSION = 1.0  
# BSDLIB\_IMAGE = libce  
# BSDLIB\_MYDIR = et  
# BSDLIB\_INSTALL\_DIR = \$(SHLIBDIR)

#

all:: image

real-subdirs:: Makefile

@echo " MKDIR pic"

@mkdir -p pic

BSD\_LIB = \$(BSDLIB\_IMAGE).so.\$(BSDLIB\_VERSION)

BSDLIB\_PIC\_FLAG = -fpic

image: \$(BSD\_LIB)

\$(BSD\_LIB): \$(OBJS)

(cd pic; ld -Bshareable -o \$(BSD\_LIB) \$(LDFLAGS\_SHLIB) \$(OBJS))

\$(MV) pic/\$(BSD\_LIB) .

```

$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;' /$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

```

install-strip: install

install-shlibs-strip: install-shlibs

```

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)

```

```

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

```

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Gadi Oxman, August 1995

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```

```
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It is part of the main e2fsprogs distribution, which can be found at:

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## 1.102 ecdsa 0.13

### 1.102.1 Available under license :

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## 1.103 efitools

# 1.7.0+git0649468475d20d8ca5634433c4912467cef3ce93

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efitools - useful tools for manipulating UEFI secure boot platforms

(c) 2012 James Bottomley

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

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

# 1.105 eglibc 2.19 :svnr25243

## 1.105.1 Available under license :

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Version 2, June 1991

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The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

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@item

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

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

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## 1.119 ganymed-ssh2 262

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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Version 3, 29 June 2007

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

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

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

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

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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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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- a) The modified work must itself be a software library.
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- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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

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

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

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

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

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

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

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

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

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

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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#### END OF TERMS AND CONDITIONS

##### Appendix: How to Apply These Terms to Your New Libraries

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

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- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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

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

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

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

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

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

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

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

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

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

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

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

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not.



Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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

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## 1.121 gdbm 1.11

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## 1.122 glib-2.0 2.38.2

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a

"work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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

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

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

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

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

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

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



collective works based on the Library.

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

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

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

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

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

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

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

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

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

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

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

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

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

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials

specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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

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

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

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

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

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

That's all there is to it!  
PCRE LICENCE

Please see the file LICENCE in the PCRE distribution for licensing details.

End

# 1.123 gmp 5.1.1

## 1.123.1 Available under license :

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Version 3, 29 June 2007

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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

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### 0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

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A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

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(if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

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

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

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

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A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

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```
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```
/* gmp_version -- version number compiled into the library.
```

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```
#include "gmp.h"  
#include "gmp-impl.h"
```

```
const char * const gmp_version = VERSION;
```

## 1.124 gnutls 2.12.23

### 1.124.1 Available under license :

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

```
<program> Copyright (C) <year> <name of author>  
This program 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.
```

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parts of the General Public License. Of course, your program's commands  
might be different; for a GUI interface, you would use an "about box".

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## 1.128 Hazelcast 3.8.4

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- \*/

```
package com.hazelcast.security.permission;
```

```
import com.hazelcast.cache.impl.CacheService;
import com.hazelcast.cardinality.impl.CardinalityEstimatorService;
import com.hazelcast.collection.impl.list.ListService;
import com.hazelcast.collection.impl.queue.QueueService;
import com.hazelcast.collection.impl.set.SetService;
import com.hazelcast.concurrent.atomiclong.AtomicLongService;
import com.hazelcast.concurrent.atomicreference.AtomicReferenceService;
import com.hazelcast.concurrent.countdownlatch.CountDownLatchService;
import com.hazelcast.concurrent.idgen.IdGeneratorService;
import com.hazelcast.concurrent.lock.LockService;
import com.hazelcast.concurrent.semaphore.SemaphoreService;
import com.hazelcast.durableexecutor.impl.DistributedDurableExecutorService;
import com.hazelcast.executor.impl.DistributedExecutorService;
import com.hazelcast.map.impl.MapService;
import com.hazelcast.mapreduce.impl.MapReduceService;
import com.hazelcast.multimap.impl.MultiMapService;
import com.hazelcast.replicatedmap.impl.ReplicatedMapService;
import com.hazelcast.ringbuffer.impl.RingbufferService;
import com.hazelcast.topic.impl.TopicService;
```

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

```
public final class ActionConstants {

    public static final String ACTION_ALL = "all";
    public static final String ACTION_CREATE = "create";
    public static final String ACTION_DESTROY = "destroy";
    public static final String ACTION_MODIFY = "modify";
    public static final String ACTION_READ = "read";
    public static final String ACTION_REMOVE = "remove";
    public static final String ACTION_LOCK = "lock";
    public static final String ACTION_LISTEN = "listen";
    public static final String ACTION_RELEASE = "release";
    public static final String ACTION_ACQUIRE = "acquire";
    public static final String ACTION_PUT = "put";
    public static final String ACTION_ADD = "add";
    public static final String ACTION_INDEX = "index";
```

```

public static final String ACTION_INTERCEPT = "intercept";
public static final String ACTION_PUBLISH = "publish";
public static final String ACTION_AGGREGATE = "aggregate";
public static final String ACTION_PROJECTION = "projection";

public static final String LISTENER_INSTANCE = "instance";
public static final String LISTENER_MEMBER = "member";
public static final String LISTENER_MIGRATION = "migration";

private static final Map<String, PermissionFactory> PERMISSION_FACTORY_MAP = new HashMap<String,
PermissionFactory>();

static {
    PERMISSION_FACTORY_MAP.put(QueueService.SERVICE_NAME, new PermissionFactory() {
        @Override
        public Permission create(String name, String... actions) {
            return new QueuePermission(name, actions);
        }
    });
    PERMISSION_FACTORY_MAP.put(MapService.SERVICE_NAME, new PermissionFactory() {
        @Override
        public Permission create(String name, String... actions) {
            return new MapPermission(name, actions);
        }
    });
    PERMISSION_FACTORY_MAP.put(MultiMapService.SERVICE_NAME, new PermissionFactory() {
        @Override
        public Permission create(String name, String... actions) {
            return new MultiMapPermission(name, actions);
        }
    });
    PERMISSION_FACTORY_MAP.put(ListService.SERVICE_NAME, new PermissionFactory() {
        @Override
        public Permission create(String name, String... actions) {
            return new ListPermission(name, actions);
        }
    });
    PERMISSION_FACTORY_MAP.put(SetService.SERVICE_NAME, new PermissionFactory() {
        @Override
        public Permission create(String name, String... actions) {
            return new SetPermission(name, actions);
        }
    });
    PERMISSION_FACTORY_MAP.put(AtomicLongService.SERVICE_NAME, new PermissionFactory() {
        @Override
        public Permission create(String name, String... actions) {
            return new AtomicLongPermission(name, actions);
        }
    });
}

```

```

});
PERMISSION_FACTORY_MAP.put(CountDownLatchService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new CountdownLatchPermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(SemaphoreService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new SemaphorePermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(TopicService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new TopicPermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(LockService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new LockPermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(DistributedExecutorService.SERVICE_NAME, new
PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new ExecutorServicePermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(IdGeneratorService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new AtomicLongPermission(IdGeneratorService.ATOMIC_LONG_NAME + name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(MapReduceService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new MapReducePermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(ReplicatedMapService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new ReplicatedMapPermission(name, actions);
    }
});

```

```

    }
});
PERMISSION_FACTORY_MAP.put(AtomicReferenceService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new AtomicReferencePermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(CacheService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new CachePermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(RingbufferService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new RingBufferPermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(DistributedDurableExecutorService.SERVICE_NAME, new
PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new DurableExecutorServicePermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(CardinalityEstimatorService.SERVICE_NAME, new
PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new CardinalityEstimatorPermission(name, actions);
    }
});
}

private ActionConstants() {
}

private interface PermissionFactory {
    Permission create(String name, String... actions);
}

/**
 * Creates a permission
 *
 * @param name
 * @param serviceName

```



```

    * @param actions
    * @return the created Permission
    * @throws java.lang.IllegalArgumentException if there is no service found with the given serviceName.
    */
    public static Permission getPermission(String name, String serviceName, String... actions) {
        PermissionFactory permissionFactory = PERMISSION_FACTORY_MAP.get(serviceName);
        if (permissionFactory == null) {
            throw new IllegalArgumentException("No permissions found for service: " + serviceName);
        }

        return permissionFactory.create(name, actions);
    }
}

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 */

package com.hazelcast.security.permission;

import com.hazelcast.config.matcher.WildcardConfigPatternMatcher;

import java.security.Permission;

/**
 * TODO: Object Permission
 */
public abstract class InstancePermission extends ClusterPermission {

    protected static final int NONE = 0;
    protected static final int CREATE = 1;
    protected static final int DESTROY = 2;

    private static final WildcardConfigPatternMatcher CONFIG_PATTERN_MATCHER = new
    WildcardConfigPatternMatcher();

```

```

protected final int mask;
protected final String actions;

public InstancePermission(String name, String... actions) {
    super(name);
    if (name == null || "".equals(name)) {
        throw new IllegalArgumentException("Permission name is mandatory!");
    }
    mask = initMask(actions);

    final StringBuilder s = new StringBuilder();
    for (String action : actions) {
        s.append(action).append(" ");
    }
    this.actions = s.toString();
}

/**
 * init mask
 */
protected abstract int initMask(String[] actions);

@Override
public boolean implies(Permission permission) {
    if (this.getClass() != permission.getClass()) {
        return false;
    }

    InstancePermission that = (InstancePermission) permission;

    boolean maskTest = ((this.mask & that.mask) == that.mask);
    if (!maskTest) {
        return false;
    }

    return CONFIG_PATTERN_MATCHER.matches(getName(), that.getName());
}

@Override
public String getActions() {
    return actions;
}

@Override
public int hashCode() {
    int result = super.hashCode();
    result = 31 * result + mask;
    result = 31 * result + actions.hashCode();
}

```

```

        return result;
    }

    @Override
    public boolean equals(Object obj) {
        if (this == obj) {
            return true;
        }
        if (obj == null) {
            return false;
        }
        if (getClass() != obj.getClass()) {
            return false;
        }
        InstancePermission other = (InstancePermission) obj;
        if (getName() == null && other.getName() != null) {
            return false;
        }
        if (!getName().equals(other.getName())) {
            return false;
        }
        if (mask != other.mask) {
            return false;
        }
        return true;
    }
}
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 */

package com.hazelcast.security.permission;

public class SetPermission extends ListPermission {

    public SetPermission(String name, String... actions) {

```

```

        super(name, actions);
    }
}
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 */

package com.hazelcast.security.permission;

import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Enumeration;

public class DenyAllPermissionCollection extends PermissionCollection {

    public DenyAllPermissionCollection() {
    }

    @Override
    public void add(Permission permission) {
    }

    @Override
    public boolean implies(Permission permission) {
        return false;
    }

    @Override
    public Enumeration<Permission> elements() {
        return new Enumeration<Permission>() {
            @Override
            public boolean hasMoreElements() {
                return false;
            }
        }
    }

    @Override

```

```

        public Permission nextElement() {
            return null;
        }
    };
}

@Override
public int hashCode() {
    return 37;
}

@Override
public String toString() {
    return "<deny all permissions>";
}

@Override
public boolean equals(Object obj) {
    return obj instanceof DenyAllPermissionCollection;
}
}
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 */

package com.hazelcast.security.permission;

import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Enumeration;

public final class AllPermissions extends ClusterPermission {

    public AllPermissions() {
        super("<all permissions>");
    }
}

```

```

@Override
public boolean implies(Permission permission) {
    return true;
}

@Override
public String getActions() {
    return "<all actions>";
}

@Override
public PermissionCollection newPermissionCollection() {
    return new AllPermissionsCollection();
}

@Override
public String toString() {
    return "<allow all permissions>";
}

@Override
public boolean equals(Object obj) {
    return obj instanceof AllPermissions;
}

@Override
public int hashCode() {
    return 111;
}

public static final class AllPermissionsCollection extends PermissionCollection {
    private static final AllPermissions ALL_PERMISSIONS = new AllPermissions();
    private boolean all;

    public AllPermissionsCollection() {
    }

    public AllPermissionsCollection(boolean all) {
        this.all = all;
    }

    @Override
    public void add(Permission permission) {
        if (permission instanceof AllPermissions) {
            all = true;
        }
    }
}

```

```

@Override
public boolean implies(Permission permission) {
    return all;
}

@Override
public Enumeration<Permission> elements() {
    return new Enumeration<Permission>() {

        @Override
        public boolean hasMoreElements() {
            return more;
        }

        @Override
        public Permission nextElement() {
            more = false;
            return ALL_PERMISSIONS;
        }
    };
}

@Override
public int hashCode() {
    return all ? 13 : -13;
}

@Override
public boolean equals(Object obj) {
    if (this == obj) {
        return true;
    }
    if (obj == null) {
        return false;
    }
    if (getClass() != obj.getClass()) {
        return false;
    }
    AllPermissionsCollection other = (AllPermissionsCollection) obj;
    return all == other.all;
}

@Override
public String toString() {
    return "<allow all permissions>";
}

```

```

    }
}
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 */

```

```
package com.hazelcast.security.permission;
```

```

public class SemaphorePermission extends InstancePermission {

    private static final int ACQUIRE = 4;
    private static final int RELEASE = 8;
    private static final int READ = 16;

    private static final int ALL = CREATE | DESTROY | ACQUIRE | RELEASE | READ;

    public SemaphorePermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }

            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_ACQUIRE.equals(action)) {
                mask |= ACQUIRE;
            } else if (ActionConstants.ACTION_RELEASE.equals(action)) {
                mask |= RELEASE;
            } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            }
        }
    }
}

```



```

        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        }
    }
    return mask;
}
}
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 */

package com.hazelcast.security.permission;

public class DurableExecutorServicePermission extends InstancePermission {

    private static final int ALL = CREATE | DESTROY;

    public DurableExecutorServicePermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }

            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            }
        }
        return mask;
    }
}

```

```

    }
}
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 */

```

```
package com.hazelcast.security.permission;
```

```

public class ScheduledExecutorPermission
    extends InstancePermission {

    private static final int READ = 4;
    private static final int MODIFY = 8;

    private static final int ALL = READ | MODIFY | CREATE | DESTROY;

    public ScheduledExecutorPermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }

            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_READ.equals(action)) {
                mask |= READ;
            } else if (ActionConstants.ACTION_MODIFY.equals(action)) {
                mask |= MODIFY;
            } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            }
        }
    }
}

```

```

    }
  }
  return mask;
}
}
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 */

package com.hazelcast.security.permission;

public class CachePermission extends InstancePermission {

    private static final int PUT = 4;
    private static final int REMOVE = 8;
    private static final int READ = 16;
    private static final int LISTEN = 32;
    private static final int ALL = CREATE | DESTROY | PUT | REMOVE | READ | LISTEN;

    public CachePermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }

            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            } else if (ActionConstants.ACTION_PUT.equals(action)) {

```

```

        mask |= PUT;
    } else if (ActionConstants.ACTION_REMOVE.equals(action)) {
        mask |= REMOVE;
    } else if (ActionConstants.ACTION_READ.equals(action)) {
        mask |= READ;
    } else if (ActionConstants.ACTION_LISTEN.equals(action)) {
        mask |= LISTEN;
    }
}
return mask;
}
}
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 */

```

```
package com.hazelcast.security.permission;
```

```
import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Collections;
import java.util.Enumeration;
import java.util.HashSet;
import java.util.Iterator;
import java.util.Set;
```

```
public class ClusterPermissionCollection extends PermissionCollection {
```

```
    final Set<Permission> perms = new HashSet<Permission>();
    final Class<? extends Permission> permClass;
```

```
    public ClusterPermissionCollection() {
        permClass = null;
    }

```

```
    public ClusterPermissionCollection(Class<? extends Permission> permClass) {
```

```

    this.permClass = permClass;
}

@Override
public void add(Permission permission) {
    if (isReadOnly()) {
        throw new SecurityException("ClusterPermissionCollection is read-only!");
    }
    boolean shouldAdd = (permClass != null && permClass.equals(permission.getClass()))
        || (permission instanceof ClusterPermission);

    if (shouldAdd && !implies(permission)) {
        perms.add(permission);
    }
}

public void add(PermissionCollection permissions) {
    if (isReadOnly()) {
        throw new SecurityException("ClusterPermissionCollection is read-only!");
    }
    if (permissions instanceof ClusterPermissionCollection) {
        for (Permission p : ((ClusterPermissionCollection) permissions).perms) {
            add(p);
        }
    }
}

@Override
public boolean implies(Permission permission) {
    for (Permission p : perms) {
        if (p.implies(permission)) {
            return true;
        }
    }
    return false;
}

public void compact() {
    if (isReadOnly()) {
        throw new SecurityException("ClusterPermissionCollection is read-only!");
    }
    final Iterator<Permission> iter = perms.iterator();
    while (iter.hasNext()) {
        final Permission perm = iter.next();
        boolean implies = false;
        for (Permission p : perms) {
            if (p != perm && p.implies(perm)) {
                implies = true;
            }
        }
    }
}

```

```

        break;
    }
}
if (implies) {
    iter.remove();
}
}
setReadOnly();
}

@Override
public Enumeration<Permission> elements() {
    return Collections.enumeration(perms);
}

public Set<Permission> getPermissions() {
    return Collections.unmodifiableSet(perms);
}

@Override
public String toString() {
    return "ClusterPermissionCollection [permClass=" + permClass + "]";
}
}
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 */

package com.hazelcast.security.permission;

public class LockPermission extends InstancePermission {

    private static final int LOCK = 4;
    private static final int READ = 8;
    private static final int ALL = CREATE | DESTROY | LOCK | READ;

```

```

public LockPermission(String key, String... actions) {
    super(key, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        } else if (ActionConstants.ACTION_LOCK.equals(action)) {
            mask |= LOCK;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        }
    }
    return mask;
}
}
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 */

package com.hazelcast.security.permission;

public class CountdownLatchPermission extends InstancePermission {

    private static final int READ = 4;
    private static final int MODIFY = 8;
    private static final int ALL = CREATE | DESTROY | READ | MODIFY;

```

```

public CountdownLatchPermission(String name, String... actions) {
    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        } else if (ActionConstants.ACTION_MODIFY.equals(action)) {
            mask |= MODIFY;
        }
    }
    return mask;
}
}
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 */

package com.hazelcast.security.permission;

public class CardinalityEstimatorPermission extends InstancePermission {

    private static final int READ = 4;
    private static final int MODIFY = 8;

```



```

private static final int ALL = READ | MODIFY | CREATE | DESTROY;

public CardinalityEstimatorPermission(String name, String... actions) {
    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        } else if (ActionConstants.ACTION_MODIFY.equals(action)) {
            mask |= MODIFY;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        }
    }
    return mask;
}
}
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 */

package com.hazelcast.security.permission;

/**
 * To be able to map-reduce from a client in a secure environment

```

```

*/
public class MapReducePermission extends InstancePermission {

    private static final int ALL = CREATE | DESTROY;

    public MapReducePermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }

            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            }
        }
        return mask;
    }
}
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*/

package com.hazelcast.security.permission;

public class AtomicReferencePermission extends InstancePermission {

    private static final int READ = 4;
    private static final int MODIFY = 8;

```

```

private static final int ALL = READ | MODIFY | CREATE | DESTROY;

public AtomicReferencePermission(String name, String... actions) {
    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        } else if (ActionConstants.ACTION_MODIFY.equals(action)) {
            mask |= MODIFY;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        }
    }
    return mask;
}
}
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 */

package com.hazelcast.security.permission;

public class ExecutorServicePermission extends InstancePermission {

```

```

private static final int ALL = CREATE | DESTROY;

public ExecutorServicePermission(String name, String... actions) {
    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        }
    }
    return mask;
}
}
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 */

package com.hazelcast.security.permission;

public class MultiMapPermission extends MapPermission {

    public MultiMapPermission(String name, String... actions) {
        super(name, actions);
    }
}
}

```

```

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 */

```

```

package com.hazelcast.security.permission;

import java.security.Permission;
import java.security.PermissionCollection;

public abstract class ClusterPermission extends Permission {

    private int hashCode;

    public ClusterPermission(String name) {
        super(name);
    }

    @Override
    public PermissionCollection newPermissionCollection() {
        return new ClusterPermissionCollection(getClass());
    }

    @Override
    public int hashCode() {
        if (hashCode == 0) {
            final int prime = 31;
            int result = 1;
            if (getName() == null) {
                result = prime * result + 13;
            } else {
                result = prime * result + getName().hashCode();
            }
            hashCode = result;
        }
        return hashCode;
    }
}

```

```

@Override
public boolean equals(Object obj) {
    if (this == obj) {
        return true;
    }
    if (obj == null) {
        return false;
    }
    if (getClass() != obj.getClass()) {
        return false;
    }
    ClusterPermission other = (ClusterPermission) obj;
    if (getName() == null && other.getName() != null) {
        return false;
    }
    if (!getName().equals(other.getName())) {
        return false;
    }
    return true;
}
}
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 * limitations under the License.
 */

package com.hazelcast.security.permission;

public class AtomicLongPermission extends InstancePermission {

    private static final int READ = 4;
    private static final int MODIFY = 8;

    private static final int ALL = READ | MODIFY | CREATE | DESTROY;

    public AtomicLongPermission(String name, String... actions) {

```

```

    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        } else if (ActionConstants.ACTION_MODIFY.equals(action)) {
            mask |= MODIFY;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        }
    }
    return mask;
}
}
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 */

package com.hazelcast.security.permission;

public class TopicPermission extends InstancePermission {

    private static final int PUBLISH = 4;
    private static final int LISTEN = 8;
    private static final int ALL = CREATE | DESTROY | LISTEN | PUBLISH;

```

```

public TopicPermission(String name, String... actions) {
    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_PUBLISH.equals(action)) {
            mask |= PUBLISH;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        } else if (ActionConstants.ACTION_LISTEN.equals(action)) {
            mask |= LISTEN;
        }
    }
    return mask;
}
}
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 */

package com.hazelcast.security.permission;

import java.security.Permission;

public class TransactionPermission extends ClusterPermission {

    public TransactionPermission() {

```



```

    super("<transaction>");
}

@Override
public boolean implies(Permission permission) {
    return getClass() == permission.getClass();
}

@Override
public String getActions() {
    return "transaction";
}
}
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 */

package com.hazelcast.security.permission;

public class ListPermission extends InstancePermission {

    private static final int ADD = 4;
    private static final int READ = 8;
    private static final int REMOVE = 16;
    private static final int LISTEN = 32;
    private static final int ALL = ADD | REMOVE | READ | CREATE | DESTROY | LISTEN;

    public ListPermission(String name, String... actions) {
        super(name, actions);
    }
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {

```

```

        return ALL;
    }

    if (ActionConstants.ACTION_CREATE.equals(action)) {
        mask |= CREATE;
    } else if (ActionConstants.ACTION_ADD.equals(action)) {
        mask |= ADD;
    } else if (ActionConstants.ACTION_REMOVE.equals(action)) {
        mask |= REMOVE;
    } else if (ActionConstants.ACTION_READ.equals(action)) {
        mask |= READ;
    } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
        mask |= DESTROY;
    } else if (ActionConstants.ACTION_LISTEN.equals(action)) {
        mask |= LISTEN;
    }
    }
    return mask;
}
}
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 */

package com.hazelcast.security.permission;

public class MapPermission extends InstancePermission {

    private static final int PUT = 4;
    private static final int REMOVE = 8;
    private static final int READ = 16;
    private static final int LISTEN = 32;
    private static final int LOCK = 64;
    private static final int INDEX = 128;
    private static final int INTERCEPT = 256;
    private static final int ALL = CREATE | DESTROY | PUT | REMOVE | READ | LISTEN | LOCK | INDEX |

```

INTERCEPT;

```
public MapPermission(String name, String... actions) {
    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        } else if (ActionConstants.ACTION_PUT.equals(action)) {
            mask |= PUT;
        } else if (ActionConstants.ACTION_REMOVE.equals(action)) {
            mask |= REMOVE;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        } else if (ActionConstants.ACTION_LISTEN.equals(action)) {
            mask |= LISTEN;
        } else if (ActionConstants.ACTION_LOCK.equals(action)) {
            mask |= LOCK;
        } else if (ActionConstants.ACTION_INDEX.equals(action)) {
            mask |= INDEX;
        } else if (ActionConstants.ACTION_INTERCEPT.equals(action)) {
            mask |= INTERCEPT;
        }
    }
    return mask;
}
}
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*/

/**
* Contains all the security permissions
*/
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*/

package com.hazelcast.security.permission;

public class ReplicatedMapPermission extends InstancePermission {

    private static final int PUT = 4;
    private static final int REMOVE = 8;
    private static final int READ = 16;
    private static final int LISTEN = 32;
    private static final int LOCK = 64;
    private static final int INDEX = 128;
    private static final int INTERCEPT = 256;
    private static final int ALL = CREATE | DESTROY | PUT | REMOVE | READ | LISTEN | LOCK | INDEX |
INTERCEPT;

    public ReplicatedMapPermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {

```

```

        return ALL;
    }

    if (ActionConstants.ACTION_CREATE.equals(action)) {
        mask |= CREATE;
    } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
        mask |= DESTROY;
    } else if (ActionConstants.ACTION_PUT.equals(action)) {
        mask |= PUT;
    } else if (ActionConstants.ACTION_REMOVE.equals(action)) {
        mask |= REMOVE;
    } else if (ActionConstants.ACTION_READ.equals(action)) {
        mask |= READ;
    } else if (ActionConstants.ACTION_LISTEN.equals(action)) {
        mask |= LISTEN;
    } else if (ActionConstants.ACTION_LOCK.equals(action)) {
        mask |= LOCK;
    } else if (ActionConstants.ACTION_INDEX.equals(action)) {
        mask |= INDEX;
    } else if (ActionConstants.ACTION_INTERCEPT.equals(action)) {
        mask |= INTERCEPT;
    }
}
return mask;
}
}
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 */

package com.hazelcast.security.permission;

public class QueuePermission extends InstancePermission {

    private static final int ADD = 4;
    private static final int READ = 8;

```

```

private static final int REMOVE = 16;
private static final int LISTEN = 32;
private static final int ALL = ADD | REMOVE | READ | CREATE | DESTROY | LISTEN;

public QueuePermission(String name, String... actions) {
    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        } else if (ActionConstants.ACTION_ADD.equals(action)) {
            mask |= ADD;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        } else if (ActionConstants.ACTION_REMOVE.equals(action)) {
            mask |= REMOVE;
        } else if (ActionConstants.ACTION_LISTEN.equals(action)) {
            mask |= LISTEN;
        }
    }
    return mask;
}
}
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 */

```

```

package com.hazelcast.security.permission;

public class RingBufferPermission extends InstancePermission {

    private static final int PUT = 4;
    private static final int READ = 8;
    private static final int ALL = PUT | READ;

    public RingBufferPermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }

            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            } else if (ActionConstants.ACTION_PUT.equals(action)) {
                mask |= PUT;
            } else if (ActionConstants.ACTION_READ.equals(action)) {
                mask |= READ;
            }
        }
        return mask;
    }
}

```

## 1.129 Hazelcast AWS 2.1.0

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# 1.130 HdrHistogram 2.1.9

## 1.130.1 Available under license :

```
<!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">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<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">

<title>Apache License, Version 2.0</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">
```

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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;&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="http://people.apache.org/committer-index.html">Committers</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>
```

```
</li>
```

```
<li class="dropdown">
```

```
<a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
```

```

class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/getinvolved.html">Overview</a></li>
    <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>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
  <div class="col-md-6 col-sm-5 col-xs-12">
    
  </div>
  <div class="col-md-3 col-sm-3 col-xs-6">
    <a href="http://apache.org/foundation/contributing.html" title="Support Apache">
      
    </a>
  </div>
  <div class="col-md-3 col-sm-4 col-xs-6">
    <div class="input-group" style="margin-bottom: 5px;">
      <script>
(function() {
var cx = '005703438322411770421:5mgshgrgx2u';
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
  '//cse.google.com/cse.js?cx=' + cx;
var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(gcse, s);

```

```

    });
</script>
    <gcse:searchbox-only></gcse:searchbox-only>
</div>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
    <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</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;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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```
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```

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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/gsoc.html">Summer of Code</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 class="col-sm-2">
```

```
<h5 class="white">Tech Operations</h5>
```

```
<ul class="list-unstyled white" role="menu">
```

```
<li><a href="/dev/">Developer Information</a></li>
<li><a href="/dev/infrastructure.html">Infrastructure</a></li>
<li><a href="/security/">Security</a></li>
<li><a href="http://status.apache.org">Status</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Press</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/press/">Overview</a></li>
<li><a href="https://blogs.apache.org/">ASF News</a></li>
<li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
<li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
<li><a href="/press/#contact">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Legal</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/legal/">Legal Affairs</a></li>
<li><a href="/licenses/">Licenses</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/records/">Public Records</a></li>
<li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
<li><a href="/licenses/exports/">Export Information</a></li>
<li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-1">
</div>
```

```
</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
<div class="col-lg-12">
<p class="text-center">Copyright &#169; 2017 The Apache Software Foundation, Licensed under the <a
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
<p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
</div>
</div>
</div>
```

```

</footer>

<!-- / Footer -->

<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>

```

## 1.131 hppc 0.7.1

### 1.131.1 Available under license :

```

{\rtf1\ansi\ansicpg1252\cocoartf1504\cocoasubrtf830
{\fonttbl{\f0\fmmodern\fcharset0 Courier;}
{\colortbl;\red255\green255\blue255;\red0\green0\blue0;}
{\*\expandedcolortbl;;\cssrgb\c0\c0\c0;}
\margl1440\margr1440\vieww10800\viewh8400\viewkind0
\defstab720
\pard\pardefstab720\sl280\partightenfactor0

\fs24 \cf2 \expnd0\expndtw0\kerning0
\outl0\strokewidth0 \strokec2 \
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\
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direction or management of such entity, whether by contract or\
otherwise, or (ii) ownership of fifty percent (50%) or more of the\
outstanding shares, or (iii) beneficial ownership of such entity.\
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\

```

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```

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limitations under the License.\
}

```

## 1.132 httpasyncclient 4.1.2

### 1.132.1 Available under license :

```

<!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">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<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">

<title>Apache License, Version 2.0</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">

```

```

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CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions and limitations under the License. -->

```

```

</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;&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="http://people.apache.org/committer-index.html">Committers</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>
    </li>
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">
        <li><a href="/foundation/getinvolved.html">Overview</a></li>
        <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>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
    <div class="row">
        <div class="col-md-6 col-sm-5 col-xs-12">
            
        </div>
        <div class="col-md-3 col-sm-3 col-xs-6">
            <a href="http://apache.org/foundation/contributing.html" title="Support Apache">
                
            </a>
        </div>
        <div class="col-md-3 col-sm-4 col-xs-6">
            <div class="input-group" style="margin-bottom: 5px;">
                <script>
(function() {
var cx = '005703438322411770421:5mgshgrgx2u';
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
    '//cse.google.com/cse.js?cx=' + cx;
var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(gcse, s);
})();
</script>
    <gcse:searchbox-only></gcse:searchbox-only>
        </div>
        <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
        <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
        <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
    </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;  
}
```

```
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
```

```
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
```

```
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```

```
<a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> </p>
```

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```

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```

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```

```
<p>"Legal Entity" shall mean the union of the acting entity and all other  
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that entity. For the purposes of this definition, "control" means (i) the  
power, direct or indirect, to cause the direction or management of such  
entity, whether by contract or otherwise, or (ii) ownership of fifty  
percent (50%) or more of the outstanding shares, or (iii) beneficial  
ownership of such entity.</p>
```

```
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```
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including but not limited to software source code, documentation source,  
and configuration files.</p>
```

```
<p>"Object" form shall mean any form resulting from mechanical transformation  
or translation of a Source form, including but not limited to compiled  
object code, generated documentation, and conversions to other media types.</p>
```

```
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Appendix below).</p>
```

```
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```
<!-- 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/gsoc.html">Summer of Code</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 class="col-sm-2">
  <h5 class="white">Tech Operations</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/dev/">Developer Information</a></li>
    <li><a href="/dev/infrastructure.html">Infrastructure</a></li>
    <li><a href="/security/">Security</a></li>
    <li><a href="http://status.apache.org">Status</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
  <h5 class="white">Press</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/press/">Overview</a></li>
    <li><a href="https://blogs.apache.org/">ASF News</a></li>
    <li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
    <li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
    <li><a href="/press/#contact">Contacts</a></li>
  </ul>
</div>
```

```

    </ul>
</div>

<div class="col-sm-2">
<h5 class="white">Legal</h5>
  <ul class="list-unstyled white" role="menu">
<li><a href="/legal/">Legal Affairs</a></li>
<li><a href="/licenses/">Licenses</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/records/">Public Records</a></li>
  <li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
<li><a href="/licenses/exports/">Export Information</a></li>
<li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>

<div class="col-sm-1">
</div>

</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
  <div class="col-lg-12">
    <p class="text-center">Copyright © 2017 The Apache Software Foundation, Licensed under the <a
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
    <p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
  </div>
</div>
</div>

</footer>

<!-- / Footer -->

<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>

```

## 1.133 httpclient 4.5

### 1.133.1 Available under license :

```

<!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">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<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">

<title>Apache License, Version 2.0</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">

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permissions and limitations under the License. -->

</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;&lt;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="http://people.apache.org/committer-index.html">Committers</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>
      </li>
      <li class="dropdown">
        <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span class="caret"></span></a>
        <ul class="dropdown-menu" role="menu">
          <li><a href="/foundation/getinvolved.html">Overview</a></li>
          <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>
    </ul>
  </div>

```

```

    <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>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
  <div class="row">
    <div class="col-md-6 col-sm-5 col-xs-12">
      
    </div>
    <div class="col-md-3 col-sm-3 col-xs-6">
      <a href="http://apache.org/foundation/contributing.html" title="Support Apache">
        
      </a>
    </div>
    <div class="col-md-3 col-sm-4 col-xs-6">
      <div class="input-group" style="margin-bottom: 5px;">
        <script>
(function() {
var cx = '005703438322411770421:5mgshgrgx2u';
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
  '//cse.google.com/cse.js?cx=' + cx;
var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(gcse, s);
})();
</script>
      <gcse:searchbox-only></gcse:searchbox-only>
    </div>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
    <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
  </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;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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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/gsoc.html">Summer of Code</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 class="col-sm-2">
<h5 class="white">Tech Operations</h5>
  <ul class="list-unstyled white" role="menu">
<li><a href="/dev/">Developer Information</a></li>
<li><a href="/dev/infrastructure.html">Infrastructure</a></li>
<li><a href="/security/">Security</a></li>
<li><a href="http://status.apache.org">Status</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>

<div class="col-sm-2">
```

```
<h5 class="white">Press</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/press/">Overview</a></li>
    <li><a href="https://blogs.apache.org/">ASF News</a></li>
    <li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
    <li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
    <li><a href="/press/#contact">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
  <h5 class="white">Legal</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/legal/">Legal Affairs</a></li>
    <li><a href="/licenses/">Licenses</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/records/">Public Records</a></li>
    <li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
    <li><a href="/licenses/exports/">Export Information</a></li>
    <li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-1">
</div>
```

```
</div>
```

```
<hr class="col-lg-12 hr-white" />
```

```
<div class="row">
```

```
<div class="col-lg-12">
```

```
<p class="text-center">Copyright &#169; 2017 The Apache Software Foundation, Licensed under the <a
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
```

```
<p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</footer>
```

```
<!-- / Footer -->
```

```
<script src="/js/jquery-2.1.1.min.js"></script>
```

```
<script src="/js/bootstrap.js"></script>
```

```
</body>
```

```
</html>
```

# 1.134 httpcore-nio 4.4.5

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## 1.135 httping 2.4

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## 1.139 infinispn-core 8.2.3

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 *
 * @(#)queue.h 8.5 (Berkeley) 8/20/94
 */
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*
* tcp_window_size.c
* by Mark Gates <mgates@nlanr.net>
* -----
* set/getsockopt
* ----- */

```

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 \*-----  
 \*  
 \* stdio.c  
 \* by Mark Gates <[mgates@nlanr.net](mailto:mgates@nlanr.net)>  
 \* and Ajay Tirumalla <[tirumala@ncsa.uiuc.edu](mailto:tirumala@ncsa.uiuc.edu)>  
 \*-----

```
* input and output numbers, converting with kilo, mega, giga
* ----- */
```

=====

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## 1.145 iproute2 3.12.0

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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\* @(#)tftp.h 8.1 (Berkeley) 6/2/93

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"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"><html xmlns="http://www.w3.org/1999/xhtml">
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

  <title>License and Copyright &mdash; IPython v0.10 documentation</title>
  <link rel="stylesheet" href="_static/default.css" type="text/css" />
  <link rel="stylesheet" href="_static/pygments.css" type="text/css" />
```

```

<script type="text/javascript">
var DOCUMENTATION_OPTIONS = {
  URL_ROOT:  "",
  VERSION:   '0.10',
  COLLAPSE_MODINDEX: false,
  FILE_SUFFIX: '.html',
  HAS_SOURCE: true
};
</script>
<script type="text/javascript" src="_static/jquery.js"></script>
<script type="text/javascript" src="_static/doctools.js"></script>
<link rel="top" title="IPython v0.10 documentation" href="index.html" />
<link rel="next" title="Credits" href="credits.html" />
<link rel="prev" title="winconsole" href="api/generated/IPython.winconsole.html" />
</head>
<body>
<div class="related">
<h3>Navigation</h3>
<ul>
<li class="right" style="margin-right: 10px">
<a href="genindex.html" title="General Index"
  accesskey="I">index</a></li>
<li class="right" >
<a href="modindex.html" title="Global Module Index"
  accesskey="M">modules</a> |</li>
<li class="right" >
<a href="credits.html" title="Credits"
  accesskey="N">next</a> |</li>
<li class="right" >
<a href="api/generated/IPython.winconsole.html" title="winconsole"
  accesskey="P">previous</a> |</li>
<li><a href="index.html">IPython v0.10 documentation</a> &raquo;</li>
</ul>
</div>
<div class="document">
<div class="documentwrapper">
<div class="bodywrapper">
<div class="body">

<div class="section" id="license-and-copyright">
<span id="license"></span><h1>License and Copyright<a class="headerlink" href="#license-and-copyright"
title="Permalink to this headline"></a></h1>
<div class="section" id="id1">
<h2>License<a class="headerlink" href="#id1" title="Permalink to this headline"></a></h2>
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</div>

</div>

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<h2>About the IPython Development Team<a class="headerlink" href="#about-the-ipython-development-team" title="Permalink to this headline"></a></h2>

<p>Fernando Perez began IPython in 2001 based on code from Janko Hauser

<<a class="reference external"

href="mailto:jhauser&#37;&#52;&#48;zscout&#46;de">jhauser<span>&#64;</span>zscout<span>&#46;</span>d

e</a>> and Nathaniel Gray <<a class="reference external"

href="mailto:n8gray&#37;&#52;&#48;caltech&#46;edu">n8gray<span>&#64;</span>caltech<span>&#46;</span>

edu</a>>. Fernando is still

the project lead.</p><p>The IPython Development Team is the set of all contributors to the IPython project. This includes all of the IPython subprojects. Here is a list of the currently active contributors:</p>

<blockquote>

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<li>Laurent Dufrechou</li>

```
<li>Robert Kern</li>
<li>Brian E. Granger</li>
<li>Fernando Perez (project leader)</li>
<li>Benjamin Ragan-Kelley</li>
<li>Ville M. Vainio</li>
<li>Gael Varoquex</li>
<li>Stefan van der Walt</li>
<li>Tech-X Corporation</li>
<li>Barry Wark</li>
</ul>
</blockquote>
<p>If your name is missing, please add it.</p>
</div>
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<h2>Our Copyright Policy<a class="headerlink" href="#our-copyright-policy" title="Permalink to this
headline"></a></h2>
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change to one of the IPython repositories.</p>
</div>
<div class="section" id="miscellaneous">
<h2>Miscellaneous<a class="headerlink" href="#miscellaneous" title="Permalink to this headline"></a></h2>
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<a class="reference external"
href="http://www.gnu.org/copyleft/lesser.html">http://www.gnu.org/copyleft/lesser.html</a>.</p>
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</div>
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```
</div>
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<div class="sphinxsidebarwrapper">
<h3><a href="index.html">Table Of Contents</a></h3>
<ul>
<li><a class="reference external" href="">License and Copyright</a></li>
<li><a class="reference external" href="#id1">License</a></li>
```

```
<li><a class="reference external" href="#about-the-ipython-development-team">About the IPython Development Team</a></li>
<li><a class="reference external" href="#our-copyright-policy">Our Copyright Policy</a></li>
<li><a class="reference external" href="#miscellaneous">Miscellaneous</a></li>
</ul>
</li>
</ul>
```

```
<h4>Previous topic</h4>
<p class="topless"><a href="api/generated/IPython.winconsole.html" title="previous chapter">winconsole</a></p>
```

```
<h4>Next topic</h4>
```

```
<p class="topless"><a href="credits.html" title="next chapter">Credits</a></p>
```

```
<h3>This Page</h3>
```

```
<ul class="this-page-menu">
```

```
<li><a href="_sources/license_and_copyright.txt">Show Source</a></li>
```

```
</ul>
```

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<h3>Quick search</h3>
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  <input type="hidden" name="check_keywords" value="yes" />
  <input type="hidden" name="area" value="default" />
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</div>
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</div>
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<div class="clearer"></div>
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<div class="related">
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```
<h3>Navigation</h3>
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<ul>
```

```
<li class="right" style="margin-right: 10px">
  <a href="genindex.html" title="General Index"
    accesskey="I">index</a></li>
```

```
<li class="right" >
  <a href="modindex.html" title="Global Module Index"
    accesskey="M">modules</a> |</li>
```

```
<li class="right" >
  <a href="credits.html" title="Credits"
    accesskey="N">next</a> |</li>
```

```
<li class="right" >
  <a href="api/generated/IPython.winconsole.html" title="winconsole"
    accesskey="P">previous</a> |</li>
```

```
<li><a href="index.html">IPython v0.10 documentation</a> &raquo;</li>
```

```
</ul>
```

```
</div>
```

```
<div class="footer">
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```
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```
Last updated on Aug 04, 2009.
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Created using [Sphinx](http://sphinx.pocoo.org/) 0.5.2.

</div>

</body>

</html>

.. \_license:

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

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

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

<xsl:template name="isc.copyright.format">

<xsl:param name="text"/>

<xsl:value-of select="\$isc.copyright.leader"/>

<xsl:value-of select="normalize-space(substring-before(\$text, '#10;'))"/>

<xsl:text>#10;</xsl:text>

<xsl:variable name="rest" select="substring-after(\$text, '#10;')"/>

<xsl:if test="translate(\$rest, '#9;#32;', '')">

<xsl:call-template name="isc.copyright.format">

<xsl:with-param name="text" select="\$rest"/>

</xsl:call-template>

</xsl:if>

</xsl:template>

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

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```

```
</xsl:text>
</xsl:variable>
```

```
<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
<xsl:for-each select="/refentry/docinfo/copyright | /book/bookinfo/copyright">
  <xsl:text>Copyright (C) </xsl:text>
  <xsl:call-template name="copyright.years">
    <xsl:with-param name="years" select="year"/>
  </xsl:call-template>
  <xsl:text> </xsl:text>
  <xsl:value-of select="holder"/>
  <xsl:text> &#10;</xsl:text>
</xsl:for-each>
  <xsl:value-of select="$isc.copyright.text"/>
  </xsl:with-param>
</xsl:call-template>
</xsl:variable>
```

```
</xsl:stylesheet>
```

```
<!--
```

```
- Local variables:
- mode: sgml
- End:
```

```
-->
```

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

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

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

Author: Julio Merino <jmmv@NetBSD.org>

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

Author: Julio Merino <jmmv84@gmail.com>

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

Author: Julio Merino <jmmv84@gmail.com>

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



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## 1.157 Jackson-core 2.5.0

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<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<style type="text/css">
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<p>

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

</p>

<ul>

<li>

<p>

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</p>

</li>

</ul>

<p>

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</p>

<p>

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

</p>

<ul>

<li>

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</p>

<p>

signature of Ty Coon, 1 April 1989<br />

Ty Coon, President of Vice

</p>

</li>

</ul>

<p>

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</p>

</li>

```
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</li>

</ul>

</body>
</html>
```

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## 1.179 jaxb-impl 2.2.7

## 1.180 jboss-javaee-7.0-with-all 8.2.0.FINAL

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```
<?xml version='1.0' encoding='UTF-8'?>
<!--
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-->
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">

  <modelVersion>4.0.0</modelVersion>

  <parent>
    <groupId>org.wildfly.bom</groupId>
```

```

    <version>8.2.0.Final</version>
    <artifactId>jboss-bom-parent</artifactId>
</parent>

<artifactId>jboss-javaee-7.0-with-all</artifactId>
<packaging>pom</packaging>

<name>WildFly JBoss Java EE 7 Specification APIs with All</name>
<description>Dependency Management for Java EE 7 Specification APIs with All WildFly BOMs</description>

<licenses>
  <license>
    <name>GNU Lesser General Public License, Version 2.1</name>
    <url>http://www.gnu.org/licenses/lgpl-2.1.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>

<properties>
  <!-- Version properties are inherited from parent -->
</properties>

<dependencyManagement>
  <dependencies>
    <!-- JBoss distributes a complete set of Java EE 7 APIs including
         a Bill of Materials (BOM). A BOM specifies the versions of a "stack" (or
         a collection) of artifacts. -->
    <dependency>
      <groupId>org.wildfly.bom</groupId>
      <artifactId>
        jboss-javaee-7.0-with-hibernate
      </artifactId>
      <version>${project.version}</version>
      <scope>import</scope>
      <type>pom</type>
    </dependency>
    <dependency>
      <groupId>org.wildfly.bom</groupId>
      <artifactId>
        jboss-javaee-7.0-with-hibernate3
      </artifactId>
      <version>${project.version}</version>
      <scope>import</scope>
      <type>pom</type>
    </dependency>
    <dependency>
      <groupId>org.wildfly.bom</groupId>

```

```

    <artifactId>
      jboss-javaee-7.0-with-logging
    </artifactId>
    <version>${project.version}</version>
    <scope>import</scope>
    <type>pom</type>
  </dependency>
  <dependency>
    <groupId>org.wildfly.bom</groupId>
    <artifactId>
      jboss-javaee-7.0-with-resteasy
    </artifactId>
    <version>${project.version}</version>
    <scope>import</scope>
    <type>pom</type>
  </dependency>
  <dependency>
    <groupId>org.wildfly.bom</groupId>
    <artifactId>
      jboss-javaee-7.0-with-security
    </artifactId>
    <version>${project.version}</version>
    <scope>import</scope>
    <type>pom</type>
  </dependency>
  <dependency>
    <groupId>org.wildfly.bom</groupId>
    <artifactId>
      jboss-javaee-7.0-with-tools
    </artifactId>
    <version>${project.version}</version>
    <scope>import</scope>
    <type>pom</type>
  </dependency>
  <dependency>
    <groupId>org.wildfly.bom</groupId>
    <artifactId>
      jboss-javaee-7.0-with-transactions
    </artifactId>
    <version>${project.version}</version>
    <scope>import</scope>
    <type>pom</type>
  </dependency>
</dependencies>
</dependencyManagement>
</project>

```

# 1.181 jboss-javaee-all-7.0 1.0.2

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Version 2, June 1991

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<br/>  
Version: 1.5  
<br/>  
Status: Final Release  
<br/>  
Specification Lead: Oracle America, Inc. ("Specification Lead")  
<br/>  
Release: March 18, 2013  
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```
<project xmlns="http://maven.apache.org/POM/4.0.0"  
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
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  <artifactId>jboss-parent</artifactId>  
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<artifactId>jboss-msc</artifactId>  
<version>1.2.6.Final</version>  
<name>JBoss Modular Service Container</name>
```

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<properties>  
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  <version.byteman>3.0.0</version.byteman>  
  <version.jboss-logmanager>1.4.1.Final</version.jboss-logmanager>  
  <version.jboss-logging>3.1.3.GA</version.jboss-logging>  
  <version.jboss-logging-processor>1.1.0.Final</version.jboss-logging-processor>  
  <version.jboss-modules>1.2.2.Final</version.jboss-modules>  
  <version.junit>4.8.2</version.junit>  
</properties>
```

```
<dependencies>  
  <dependency>  
    <groupId>org.jboss.logging</groupId>  
    <artifactId>jboss-logging-processor</artifactId>  
    <version>${version.jboss-logging-processor}</version>  
    <scope>provided</scope>  
  </dependency>  
  <dependency>  
    <groupId>org.jboss.modules</groupId>  
    <artifactId>jboss-modules</artifactId>  
    <version>${version.jboss-modules}</version>  
    <scope>provided</scope>
```

```

</dependency>
<dependency>
  <groupId>org.jboss.logging</groupId>
  <artifactId>jboss-logging</artifactId>
  <version>${ version.jboss-logging }</version>
  <scope>provided</scope>
</dependency>
<dependency>
  <groupId>org.jboss.logmanager</groupId>
  <artifactId>jboss-logmanager</artifactId>
  <version>${ version.jboss-logmanager }</version>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>junit</groupId>
  <artifactId>junit</artifactId>
  <version>${ version.junit }</version>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>org.jboss.byteman</groupId>
  <artifactId>byteman</artifactId>
  <version>${ version.byteman }</version>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>org.jboss.byteman</groupId>
  <artifactId>byteman-bmunit</artifactId>
  <version>${ version.byteman }</version>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>org.jboss.byteman</groupId>
  <artifactId>byteman-install</artifactId>
  <version>${ version.byteman }</version>
  <scope>test</scope>
</dependency>
</dependencies>

<build>
  <plugins>
    <plugin>
      <artifactId>maven-compiler-plugin</artifactId>
      <configuration>
        <compilerArgument>-AloggingVersion=3.0</compilerArgument>
      </configuration>
    </plugin>
  </plugins>
</build>

```

```

    <artifactId>maven-source-plugin</artifactId>
</plugin>
<plugin>
  <artifactId>maven-surefire-plugin</artifactId>
  <configuration>
    <!-- uncomment this to enable byteman rule debug messages
    <argLine>-Dorg.jboss.byteman.debug</argLine> -->
    <includes>
      <include>**/*TestCase.java</include>
    </includes>
    <excludes>
      <exclude>org/jboss/msc/bench/*.java</exclude>
    </excludes>
    <systemProperties>
      <property>
        <name>test.log.output</name>
        <value>${project.build.directory}/surefire-reports</value>
      </property>
      <property>
        <name>jboss.msc.profile.output</name>
        <value>${project.build.testOutputDirectory}/prof.txt</value>
      </property>
      <property>
        <name>java.util.logging.manager</name>
        <value>org.jboss.logmanager.LogManager</value>
      </property>
      <property>
        <name>racecondition.dir</name>
        <value>${project.build.testOutputDirectory}</value>
      </property>
      <property>
        <name>org.jboss.byteman.transform.all</name>
        <value>true</value>
      </property>
    </systemProperties>
  </configuration>
  <executions>
    <execution>
      <id>rejected-execution-test</id>
      <goals><goal>test</goal></goals>
      <configuration>
        <systemProperties>
          <property>
            <name>org.jboss.byteman.transform.all</name>
            <value>true</value>
          </property>
          <property>
            <name>test.log.output</name>

```

```

        <value>${project.build.directory}/surefire-reports</value>
    </property>
</property>
    <name>java.util.logging.manager</name>
    <value>org.jboss.logmanager.LogManager</value>
</property>
</systemProperties>
<!-- add this to agent parameter list to enable debug ,prop:org.jboss.byteman.debug=true -->
<argLine>-Xbootclasspath/a:${settings.localRepository}/org.jboss.logmanager/${version.jboss-
logmanager}/jboss-logmanager-${version.jboss-logmanager}.jar
-
javaagent:${settings.localRepository}/org.jboss/byteman/byteman/${version.byteman}/byteman-
${version.byteman}.jar=boot:${settings.localRepository}/org.jboss/byteman/byteman/${version.byteman}/byteman
-
${version.byteman}.jar,script:${project.build.testOutputDirectory}/org.jboss/msc/racecondition/RejectedExecution
TestCase.btm</argLine>
    <includes>
        <include>org.jboss/msc/racecondition/RejectedExecutionTestSuite.java</include>
    </includes>
</configuration>
</execution>
<execution>
    <id>removal-during-cycle-detection-test</id>
    <goals><goal>test</goal></goals>
    <configuration>
        <systemProperties>
            <property>
                <name>test.log.output</name>
                <value>${project.build.directory}/surefire-reports</value>
            </property>
            <property>
                <name>java.util.logging.manager</name>
                <value>org.jboss.logmanager.LogManager</value>
            </property>
        </systemProperties>
        <includes>
            <include>org.jboss/msc/racecondition/RemovalDuringCycleDetectionTest.java</include>
        </includes>
    </configuration>
</execution>
</executions>
</plugin>
<plugin>
    <artifactId>maven-javadoc-plugin</artifactId>
    <configuration>
        <docfilessubdirs>true</docfilessubdirs>
        <detectJavaApiLink>>false</detectJavaApiLink>
        <detectLinks>>false</detectLinks>
    </configuration>
</plugin>

```

```

<doclet>net.gleamynode.apiviz.APIviz</doclet>
<docletArtifact>
  <groupId>org.jboss.apiviz</groupId>
  <artifactId>apiviz</artifactId>
  <version>${version.apiviz}</version>
</docletArtifact>
<doctitle><![CDATA[JBoss Modular Service Container ]]>${project.version}</doctitle>
<header><![CDATA[JBoss Modular Service Container ]]>${project.version}</header>
<footer><![CDATA[JBoss Modular Service Container ]]>${project.version}</footer>
<bottom><![CDATA[<i>Copyright &#169; 2012 JBoss, a division of Red Hat, Inc.</i>]]></bottom>
<links>
  <link>http://java.sun.com/javase/6/docs/api/</link>
</links>
</configuration>
</plugin>
<plugin>
  <artifactId>maven-jar-plugin</artifactId>
  <configuration>
    <archive>
      <manifestEntries>
        <Jar-Version>${project.version}</Jar-Version>
        <Jar-Name>${project.artifactId}</Jar-Name>
      </manifestEntries>
    </archive>
  </configuration>
</plugin>
</plugins>
</build>
</project>

```

## 1.183 jboss-vfs 3.2.12

## 1.184 jctree 2.0.0

## 1.185 jemalloc 3.6.0 :2

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Upstream-Name: jemalloc

Source: <http://www.canonware.com/jemalloc/>

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# 1.189 jna-platform 4.5.0

# 1.190 JNC 1.2

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## 1.201 jre 1.8.0 :51-fcs

# 1.202 jsdiff 1.0.8

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## 1.203 json 20140107

## 1.204 json-simple 1.1.1

## 1.205 json4s-ast\_2.10 3.2.11

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>2 byte 5 512 characters, Unicode level 2 index  
>3 byte x 8x%d  
#  
# PC Screen (console) Fonts - psf2 header  
#  
0 lelong 0x864ab572 psf2 screen font data  
>12 lelong&1 1 with Unicode index  
>16 lelong x \b, %d glyphs  
>28 lelong x \b, %dx  
>24 lelong x \b%d  
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Upstream-Name: libcpuid

Source: <http://github.com/anrieff/libcpuid>

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## 1.231 libdnet 1.12

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/\*

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## 1.237 libnl 3.2.22 :Thomas Graf

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## 1.238 libpam4j 1.8

## 1.239 libpcap 1.5.3

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## 1.241 libsodium

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## 1.242 libtasn1 3.4

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## 1.244 libusb-compat 0.1.5

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# 1.245 libuv 1.11.0 :1

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Files: getopt.c

=====

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*/

#ifndef UV_BSD_H
#define UV_BSD_H

#define UV_PLATFORM_FS_EVENT_FIELDS \
uv__io_t event_watcher; \

#define UV_IO_PRIVATE_PLATFORM_FIELDS \
int rcount; \
int wcount; \

#define UV_HAVE_KQUEUE 1

#endif /* UV_BSD_H */

```

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```
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```

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## 1.247 libxml2 2.9.3

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## 1.259 lucene-backward-codecs 6.6.1

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## 1.263 lucene-join 6.6.1

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## 1.274 LZ4 and xxHash 1.2.0

# 1.275 maven-antrun-plugin 1.7

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# 1.276 maven-compiler-plugin 3.5.1

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## 1.280 maven-jgit-buildnumber-plugin 1.2.10

## 1.281 maven-shade-plugin 3.1.0 :3

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## 1.289 mustache.java 0.9.3

## 1.290 ncclient 0.5.3

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## 1.291 ncs 4.4.3

## 1.292 ncurses 5.9

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## **1.300 netty-codec-http 4.1.13.FINAL**

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## **1.302 netty-handler 4.1.13.FINAL**

## **1.303 netty-resolver 4.1.13.FINAL**

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# 1.309 nginx 1.13.0

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 */
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\$Id: 3rd-party-licenses.txt 29907 2012-10-02 00:53:12Z david \$

This file is a list of the licenses of the third-party software used by Nmap and the other tools distributed with it. What follows is a description of each third-party package. At the end of this file is the license of each. The license of Nmap itself is in the COPYING file.

On all platforms, Nmap is normally linked with:

- o libpcap: Network packet capture library. Distributed with Nmap in the libpcap subdirectory.  
<http://www.tcpdump.org/>
- o libdnet: Networking library, used for low-level tasks such as sending ethernet frames. A modified version is distributed with Nmap in the libdnet-stripped subdirectory. A summary of Nmap-local modifications is in the file NMAP\_MODIFICATIONS.  
<http://code.google.com/p/libdnet/>
- o PCRE: Perl-compatible regular expressions. PCRE is part of Nmap's version detection and is also made available as an NSE library. Distributed with Nmap in the libpcre subdirectory.  
<http://www.pcre.org/>
- o liblua: Lua programming language. Lua is the implementation language of NSE, the Nmap Scripting Engine. Nmap links with liblua to allow running Lua programs inside Nmap. Distributed with Nmap in the liblua subdirectory. liblua can be omitted by configuring with the --without-liblua configuration directive.  
<http://www.lua.org/>
- o OpenSSL: Cryptographic library. OpenSSL is used by service detection and by NSE to connect to SSL services. NSE also provides access to OpenSSL functions such as encryption and digest calculation. OpenSSL

can be disabled by configuring with the `--without-openssl` configuration directive.

<http://www.openssl.org/>

o LIBLINEAR. Used for IPv6 OS classification.

<http://www.csie.ntu.edu.tw/~cjlin/liblinear/>

o libsvn. The Subversion library, used by the updater program

`nmap-update`. <http://subversion.apache.org/>

o APR (Apache Portable Runtime). Used by libsvn. <http://apr.apache.org/>

On Windows only, Nmap uses:

o WinPcap: libpcap for Windows. The libpcap license applies to WinPcap, and it also has its own license. A binary copy of the library is distributed with Nmap in the subdirectory `mswin32/winpcap`.

<http://www.winpcap.org/>

Certain Nmap Scripting Engine scripts use the simplified BSD license in `licenses/BSD-simplified`.

Zenmap and Ndiff require:

o Python. The binary distributions of Nmap include a Python interpreter and various libraries, built using either `py2exe` or `py2app`.

<http://www.python.org/>

The Windows and Mac OS X binary packages include bundled versions of:

o GLib, GTK+, ATK, Pango: These libraries are licensed under the GNU LGPL 2, a copy of which is in the file `licenses/LGPL-2`.

<http://www.gtk.org/>

o Cairo: graphics library. Dual-licensed under the GNU LGPL 2.1 and the MPL 1.1. See the files `licenses/LGPL-2.1` and `licenses/MPL-1.1`.

<http://www.cairographics.org/>

o libgailutil: Accessibility support for GTK+.

o libpng, jpeg, LibTIFF: Image file format libraries used by GTK+.

<http://www.libpng.org/> <http://www.ijg.org/> <http://www.libtiff.org/>

o zlib and bzip2: compression libraries.

<http://www.zlib.org/> <http://www.bzip.org/>

o Expat: XML parser library.

<http://expat.sourceforge.net/>

o fontconfig: font configuration library.

<http://www.fontconfig.org/>

o FreeType: font rendering library.

<http://www.freetype.org/>

o libiconv. Under the GNU LGPL 2.

<http://www.gnu.org/software/libiconv/>

o libintl: gettext translation facilities. Under the GNU LGPL 2 and 2.1.

<http://www.gnu.org/software/gettext/>

o libxml2: XML parsing library.

<http://xmlsoft.org/>

o SQLite.

<http://www.sqlite.org/>

o PyGTK, PyGObject: bindings for Python. Licensed under the GNU LGPL 2.1.

<http://www.pygtk.org/>

o PyCairo: bindings for Python. Dual-licensed under the GNU LGPL 2.1 and the MPL 1.1.

The Mac OS binary packages also include:

o Various X.org libraries. These were built using MacPorts.

<http://www.x.org/> <http://www.macports.org/>

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#### PCRE LICENCE

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

#### THE BASIC LIBRARY FUNCTIONS

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

University of Cambridge Computing Service,  
Cambridge, England.

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## THE C++ WRAPPER FUNCTIONS

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// Original can be found at:

// <https://bitbucket.org/lindenlab/llsd>

// Modifications by Joshua Bell [inexorabletash@gmail.com](mailto:inexorabletash@gmail.com)

// <https://github.com/inexorabletash/polyfill>

// ES3/ES5 implementation of the Khronos Typed Array Specification

// Ref: <http://www.khronos.org/registry/typedarray/specs/latest/>

// Date: 2011-02-01

//

// Variations:

// \* Allows `typed_array.get/set()` as alias for subscripts (`typed_array[]`)

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wcwidth.js: JavaScript Porting of Markus Kuhn's wcwidth() Implementation

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```

```

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#define UV_BSD_H

#define UV_PLATFORM_FS_EVENT_FIELDS \
    uv_io_t event_watcher; \

#define UV_IO_PRIVATE_PLATFORM_FIELDS \
    int rcount; \
    int wcount; \

#define UV_HAVE_KQUEUE 1

```

```

#endif /* UV_BSD_H */

```

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\*/

// Original can be found at:

// <https://bitbucket.org/lindenlab/llsd>

// Modifications by Joshua Bell [inexorabletaash@gmail.com](mailto:inexorabletaash@gmail.com)

// <https://github.com/inexorabletaash/polyfill>

// ES3/ES5 implementation of the Khronos Typed Array Specification

// Ref: <http://www.khronos.org/registry/typedarray/specs/latest/>

// Date: 2011-02-01

//

// Variations:

// \* Allows `typed_array.get/set()` as alias for subscripts (`typed_array[]`)

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```
var test = require('tap').test
var init = require('./')
var rimraf = require('rimraf')
var common = require('./lib/common')
```

```

test('license', function (t) {
  init(__dirname, "", {}, function (er, data) {
    if (er)
      throw er

    var wanted = {
      name: 'the-name',
      version: '1.0.0',
      description: "",
      scripts: { test: 'echo "Error: no test specified" && exit 1' },
      license: 'Apache-2.0',
      author: "",
      main: 'basic.js'
    }
    console.log("")
    t.has(data, wanted)
    t.end()
  })
  common.drive([
    'the-name\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    'Apache\n',
    'Apache-2.0\n',
    'yes\n'
  ])
})

test('teardown', function (t) {
  rimraf(__dirname + '/package.json', t.end.bind(t))
})

```

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wcwidth.js: JavaScript Porting of Markus Kuhn's wcwidth() Implementation

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[  
"Glide",  
"Abstyles",  
"AFL-1.1",  
"AFL-1.2",  
"AFL-2.0",  
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"psutils",  
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"SCEA",  
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"SNIA",  
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"Spencer-94",  
"Spencer-99",

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"TCL",  
"Unlicense",  
"TMate",  
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"Unicode-TOU",  
"UPL-1.0",  
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"Vim",  
"VOSTROM",  
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"Xnet",  
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"xpp",  
"XSkat",  
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"Zed",  
"Zend-2.0",  
"Zimbra-1.3",  
"Zimbra-1.4",  
"Zlib",  
"zlib-acknowledgement",  
"ZPL-1.1",  
"ZPL-2.0",  
"ZPL-2.1",  
"eCos-2.0",  
"GPL-2.0-with-autoconf-exception",  
"GPL-2.0-with-bison-exception",  
"GPL-2.0-with-classpath-exception",  
"GPL-2.0-with-font-exception",  
"GPL-2.0-with-GCC-exception",  
"GPL-3.0-with-autoconf-exception",  
"GPL-3.0-with-GCC-exception",  
"StandardML-NJ",  
"WXwindows"

```

]
{
  "_args": [
    [
      "spdx-license-ids@^1.0.2",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct"
    ]
  ],
  "_from": "spdx-license-ids@>=1.0.2 <2.0.0",
  "_id": "spdx-license-ids@1.2.0",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-correct/spdx-license-ids",
  "_nodeVersion": "5.4.0",
  "_npmUser": {
    "email": "snnskwtnb@gmail.com",
    "name": "shinnn"
  },
  "_npmVersion": "3.5.2",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-license-ids",
    "raw": "spdx-license-ids@^1.0.2",
    "rawSpec": "^1.0.2",
    "scope": null,
    "spec": ">=1.0.2 <2.0.0",
    "type": "range"
  },
  "_requiredBy": [
    "/validate-npm-package-license/spdx-correct"
  ],
  "_resolved": "https://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz",
  "_shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
  "_shrinkwrap": null,
  "_spec": "spdx-license-ids@^1.0.2",
  "_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct",
  "author": {
    "name": "Shinnosuke Watanabe",
    "url": "https://github.com/shinnn"
  },
  "bugs": {
    "url": "https://github.com/shinnn/spdx-license-ids/issues"
  },
  "dependencies": {},
  "description": "A list of SPDX license identifiers",
  "devDependencies": {
    "@shinnn/eslintrc": "^1.0.0",
    "each-async": "^1.1.1",

```

```

"eslint": "^0.24.0",
"got": "^3.3.0",
"istanbul": "^0.3.17",
"require-bower-files": "^2.0.0",
"rimraf": "^2.4.1",
"stringify-object": "^2.2.0",
"tape": "^4.0.0"
},
"directories": {},
"dist": {
  "shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
  "tarball": "http://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz"
},
"files": [
  "spdx-license-ids.json"
],
"gitHead": "f74a7a16ca05540e0e97f1bbb61da07829b5d9ab",
"homepage": "https://github.com/shinnn/spdx-license-ids#readme",
"keywords": [
  "array",
  "browser",
  "client-side",
  "id",
  "identifier",
  "identifiers",
  "json",
  "license",
  "licenses",
  "oss",
  "spdx"
],
"license": "Unlicense",
"main": "spdx-license-ids.json",
"maintainers": [
  {
    "name": "shinnn",
    "email": "snnskwtb@gmail.com"
  }
],
"name": "spdx-license-ids",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/shinnn/spdx-license-ids.git"
},
"scripts": {
  "build": "node --harmony_arrow_functions build.js",

```

```

    "coverage": "node --harmony_arrow_functions node_modules/.bin/istanbul cover test.js",
    "coveralls": "${npm_package_scripts_coverage} && istanbul-coveralls",
    "lint": "eslint --config node_modules/@shinnc/eslintrc/rc.json --ignore-path .gitignore .",
    "pretest": "${npm_package_scripts_build} && ${npm_package_scripts_lint}",
    "test": "node --harmony_arrow_functions test.js"
  },
  "version": "1.2.0"
}
# spdx-license-ids

```

A list of [SPDX license](https://spdx.org/licenses/) identifiers

[\*\*Download JSON\*\*](https://raw.githubusercontent.com/shinnc/spdx-license-ids/master/spdx-license-ids.json)

## Use as a JavaScript Library

```

[![NPM version](https://img.shields.io/npm/v/spdx-license-ids.svg)](https://www.npmjs.org/package/spdx-license-ids)
[![Bower version](https://img.shields.io/bower/v/spdx-license-ids.svg)](https://github.com/shinnc/spdx-license-ids/releases)
[![Build Status](https://travis-ci.org/shinnc/spdx-license-ids.svg?branch=master)](https://travis-ci.org/shinnc/spdx-license-ids)
[![Coverage Status](https://img.shields.io/coveralls/shinnc/spdx-license-ids.svg)](https://coveralls.io/r/shinnc/spdx-license-ids)
[![devDependency Status](https://david-dm.org/shinnc/spdx-license-ids/dev-status.svg)](https://david-dm.org/shinnc/spdx-license-ids#info=devDependencies)

```

### Installation

#### Package managers

##### [npm](https://www.npmjs.com/)

```

```sh
npm install spdx-license-ids
```

```

##### [bower](http://bower.io/)

```

```sh
bower install spdx-license-ids
```

```

##### [Duo](http://duojs.org/)

```

```javascript
const spdxLicenseIds = require('shinnc/spdx-license-ids');
```

```

#### Standalone

[Download the script file directly.](<https://raw.githubusercontent.com/shinnn/spdx-license-ids/master/spdx-license-ids-browser.js>)

### API

#### spdxLicenseIds

Type: `Array` of `String`

It returns an array of SPDX license identifiers.

```
````javascript
const spdxLicenseIds = require('spdx-license-ids'); //=> ['Glide', 'Abstyles', 'AFL-1.1', ... ]
````
```

## License

[The Unlicense](./LICENSE).

```
var licenseIDs = require('spdx-license-ids');
```

```
function valid(string) {
  return licenseIDs.indexOf(string) > -1;
}
```

```
// Common transpositions of license identifier acronyms
```

```
var transpositions = [
  ['APGL', 'AGPL'],
  ['Gpl', 'GPL'],
  ['GLP', 'GPL'],
  ['APL', 'Apache'],
  ['ISD', 'ISC'],
  ['GLP', 'GPL'],
  ['IST', 'ISC'],
  ['Claude', 'Clause'],
  [' or later', '+'],
  [' International', ''],
  ['GNU', 'GPL'],
  ['GUN', 'GPL'],
  ['+', ''],
  ['GNU GPL', 'GPL'],
  ['GNU/GPL', 'GPL'],
  ['GNU GLP', 'GPL'],
  ['GNU General Public License', 'GPL'],
  ['Gnu public license', 'GPL'],
  ['GNU Public License', 'GPL'],
```

```

['GNU GENERAL PUBLIC LICENSE', 'GPL'],
['MTI', 'MIT'],
['Mozilla Public License', 'MPL'],
['WTH', 'WTF'],
['-License', '']
];

var TRANSPOSED = 0;
var CORRECT = 1;

// Simple corrections to nearly valid identifiers.
var transforms = [
  // e.g. 'mit'
  function(argument) {
    return argument.toUpperCase();
  },
  // e.g. 'MIT '
  function(argument) {
    return argument.trim();
  },
  // e.g. 'M.I.T.'
  function(argument) {
    return argument.replace(/\./g, "");
  },
  // e.g. 'Apache- 2.0'
  function(argument) {
    return argument.replace(/\s+/g, "");
  },
  // e.g. 'CC BY 4.0'
  function(argument) {
    return argument.replace(/\s+/g, '-');
  },
  // e.g. 'LGPLv2.1'
  function(argument) {
    return argument.replace('v', '-');
  },
  // e.g. 'Apache 2.0'
  function(argument) {
    return argument.replace(/,\?\s*(\d)/, '-$1');
  },
  // e.g. 'GPL 2'
  function(argument) {
    return argument.replace(/,\?\s*(\d)/, '-$1.0');
  },
  // e.g. 'Apache Version 2.0'
  function(argument) {
    return argument.replace(/,\?\s*(V\.|v\.|V|v|Version|version)\s*(\d)/, '-$2');
  },
];

```

```

// e.g. 'Apache Version 2'
function(argument) {
    return argument.replace(/,\?s*(V\.|v\.|V|v|Version|version)s*(\d)/, '-$2.0');
},
// e.g. 'ZLIB'
function(argument) {
    return argument[0].toUpperCase() + argument.slice(1);
},
// e.g. 'MPL/2.0'
function(argument) {
    return argument.replace('/', '-');
},
// e.g. 'Apache 2'
function(argument) {
    return argument
        .replace(/s*V\s*(\d)/, '-$1')
        .replace(/(\d)$/, '$1.0');
},
// e.g. 'GPL-2.0-'
function(argument) {
    return argument.slice(0, argument.length - 1);
},
// e.g. 'GPL2'
function(argument) {
    return argument.replace(/(\d)$/, '-$1.0');
},
// e.g. 'BSD 3'
function(argument) {
    return argument.replace(/(-)?(\d)$/, '-$2-Clause');
},
// e.g. 'BSD clause 3'
function(argument) {
    return argument.replace(/(-)clause(-)(\d)/, '-$3-Clause');
},
// e.g. 'BY-NC-4.0'
function(argument) {
    return 'CC-' + argument;
},
// e.g. 'BY-NC'
function(argument) {
    return 'CC-' + argument + '-4.0';
},
// e.g. 'Attribution-NonCommercial'
function(argument) {
    return argument
        .replace('Attribution', 'BY')
        .replace('NonCommercial', 'NC')
        .replace('NoDerivatives', 'ND')

```



```

        .replace(/ (\d)/, '-$1')
        .replace(/ ?International/, "");
    },
    // e.g. 'Attribution-NonCommercial'
    function(argument) {
        return 'CC-' +
            argument
            .replace('Attribution', 'BY')
            .replace('NonCommercial', 'NC')
            .replace('NoDerivatives', 'ND')
            .replace(/ (\d)/, '-$1')
            .replace(/ ?International/, ") +
            '-4.0';
    }
];

// If all else fails, guess that strings containing certain substrings
// meant to identify certain licenses.
var lastResorts = [
    ['UNLI', 'Unlicense'],
    ['WTF', 'WTFPL'],
    ['2 CLAUSE', 'BSD-2-Clause'],
    ['2-CLAUSE', 'BSD-2-Clause'],
    ['3 CLAUSE', 'BSD-3-Clause'],
    ['3-CLAUSE', 'BSD-3-Clause'],
    ['AFFERO', 'AGPL-3.0'],
    ['AGPL', 'AGPL-3.0'],
    ['APACHE', 'Apache-2.0'],
    ['ARTISTIC', 'Artistic-2.0'],
    ['Affero', 'AGPL-3.0'],
    ['BEER', 'Beerware'],
    ['BOOST', 'BSL-1.0'],
    ['BSD', 'BSD-2-Clause'],
    ['ECLIPSE', 'EPL-1.0'],
    ['FUCK', 'WTFPL'],
    ['GNU', 'GPL-3.0'],
    ['LGPL', 'LGPL-3.0'],
    ['GPL', 'GPL-3.0'],
    ['MIT', 'MIT'],
    ['MPL', 'MPL-2.0'],
    ['X11', 'X11'],
    ['ZLIB', 'Zlib']
];

var SUBSTRING = 0;
var IDENTIFIER = 1;

var validTransformation = function(identifier) {

```

```

for (var i = 0; i < transforms.length; i++) {
  var transformed = transforms[i](identifier);
  if (transformed !== identifier && valid(transformed)) {
    return transformed;
  }
}
return null;
};

var validLastResort = function(identifier) {
  var upperCased = identifier.toUpperCase();
  for (var i = 0; i < lastResorts.length; i++) {
    var lastResort = lastResorts[i];
    if (upperCased.indexOf(lastResort[SUBSTRING]) > -1) {
      return lastResort[IDENIFIER];
    }
  }
  return null;
};

var anyCorrection = function(identifier, check) {
  for (var i = 0; i < transpositions.length; i++) {
    var transposition = transpositions[i];
    var transposed = transposition[TRANSPOSED];
    if (identifier.indexOf(transposed) > -1) {
      var corrected = identifier.replace(
        transposed,
        transposition[CORRECT]
      );
      var checked = check(corrected);
      if (checked !== null) {
        return checked;
      }
    }
  }
  return null;
};

module.exports = function(identifier) {
  identifier = identifier.replace(/+$/, "");
  if (valid(identifier)) {
    return identifier;
  }
  var transformed = validTransformation(identifier);
  if (transformed !== null) {
    return transformed;
  }
  transformed = anyCorrection(identifier, function(argument) {

```

```

    if (valid(argument)) {
      return argument;
    }
    return validTransformation(argument);
  });
  if (transformed !== null) {
    return transformed;
  }
  transformed = validLastResort(identifier);
  if (transformed !== null) {
    return transformed;
  }
  transformed = anyCorrection(identifier, validLastResort);
  if (transformed !== null) {
    return transformed;
  }
  return null;
};
{
  "_args": [
    [
      "spdx-correct@~1.0.0",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license"
    ]
  ],
  "_from": "spdx-correct@>=1.0.0 <1.1.0",
  "_id": "spdx-correct@1.0.2",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-correct",
  "_nodeVersion": "4.2.1",
  "_npmUser": {
    "email": "kyle@kemitchell.com",
    "name": "kemitchell"
  },
  "_npmVersion": "3.3.6",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-correct",
    "raw": "spdx-correct@~1.0.0",
    "rawSpec": "~1.0.0",
    "scope": null,
    "spec": ">=1.0.0 <1.1.0",
    "type": "range"
  },
  "_requiredBy": [
    "/validate-npm-package-license"
  ],

```

```

"_resolved": "https://registry.npmjs.org/spdx-correct/-/spdx-correct-1.0.2.tgz",
"_shasum": "4b3073d933ff51f3912f03ac5519498a4150db40",
"_shrinkwrap": null,
"_spec": "spdx-correct@~1.0.0",
"_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license",
"author": {
  "email": "kyle@kemitchell.com",
  "name": "Kyle E. Mitchell",
  "url": "https://kemitchell.com"
},
"bugs": {
  "url": "https://github.com/kemitchell/spdx-correct.js/issues"
},
"dependencies": {
  "spdx-license-ids": "^1.0.2"
},
"description": "correct invalid SPDX identifiers",
"devDependencies": {
  "defence-cli": "^1.0.1",
  "replace-require-self": "^1.0.0",
  "spdx-expression-parse": "^1.0.0",
  "tape": "~4.0.0"
},
"directories": {},
"dist": {
  "shasum": "4b3073d933ff51f3912f03ac5519498a4150db40",
  "tarball": "http://registry.npmjs.org/spdx-correct/-/spdx-correct-1.0.2.tgz"
},
"gitHead": "8430a3ad521e1455208db33faafcb79c7b074236",
"homepage": "https://github.com/kemitchell/spdx-correct.js#readme",
"keywords": [
  "SPDX",
  "law",
  "legal",
  "license",
  "metadata"
],
"license": "Apache-2.0",
"maintainers": [
  {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  },
  {
    "name": "othiym23",
    "email": "ogd@aoaiioxxysz.net"
  }
],

```

```

"name": "spdx-correct",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/kemitchell/spdx-correct.js.git"
},
"scripts": {
  "test": "defence README.md | replace-require-self | node && tape *.test.js"
},
"version": "1.0.2"
}

```

```

```javascript

```

```

var correct = require('spdx-correct');

```

```

var assert = require('assert');

```

```

assert.equal(correct('mit'), 'MIT')

```

```

assert.equal(correct('Apache 2'), 'Apache-2.0')

```

```

assert(correct('No idea what license') === null)

```

```

```

```

The MIT License

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```

[

```

```

  "389-exception",

```

```

  "Autoconf-exception-2.0",

```

```

  "Autoconf-exception-3.0",

```

```

"Bison-exception-2.2",
"CLISP-exception-2.0",
"Classpath-exception-2.0",
"FLTK-exception",
"FLTK-exception-2.0",
"Font-exception-2.0",
"GCC-exception-2.0",
"GCC-exception-3.1",
"LZMA-exception",
"Libtool-exception",
"Nokia-Qt-exception-1.1",
"Qwt-exception-1.0",
"WxWindows-exception-3.1",
"eCos-exception-2.0",
"freertos-exception-2.0",
"gnu-javamail-exception",
"i2p-gpl-java-exception",
"mif-exception",
"u-boot-exception-2.0"
]
{
  "_args": [
    [
      "spdx-exceptions@^1.0.4",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-parse"
    ]
  ],
  "_from": "spdx-exceptions@>=1.0.4 <2.0.0",
  "_id": "spdx-exceptions@1.0.4",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-expression-parse/spdx-exceptions",
  "_nodeVersion": "5.0.0",
  "_npmUser": {
    "email": "kyle@kemitchell.com",
    "name": "kemitchell"
  },
  "_npmVersion": "3.3.6",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-exceptions",
    "raw": "spdx-exceptions@^1.0.4",
    "rawSpec": "^1.0.4",
    "scope": null,
    "spec": ">=1.0.4 <2.0.0",
    "type": "range"
  },
  "_requiredBy": [

```

```

"/validate-npm-package-license/spdx-expression-parse"
],
"_resolved": "https://registry.npmjs.org/spdx-exceptions/-/spdx-exceptions-1.0.4.tgz",
"_shasum": "220b84239119ae9045a892db81a83f4ce16f80fd",
"_shrinkwrap": null,
"_spec": "spdx-exceptions@^1.0.4",
"_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-
parse",
"author": {
  "name": "The Linux Foundation"
},
"bugs": {
  "url": "https://github.com/kemitchell/spdx-exceptions.json/issues"
},
"contributors": [
  {
    "name": "Kyle E. Mitchell",
    "email": "kyle@kemitchell.com",
    "url": "https://kemitchell.com/"
  }
],
"dependencies": {},
"description": "list of SPDX standard license exceptions",
"devDependencies": {},
"directories": {},
"dist": {
  "shasum": "220b84239119ae9045a892db81a83f4ce16f80fd",
  "tarball": "http://registry.npmjs.org/spdx-exceptions/-/spdx-exceptions-1.0.4.tgz"
},
"gitHead": "770316d6c946417ab6efa8533b82d0b61779092b",
"homepage": "https://github.com/kemitchell/spdx-exceptions.json#readme",
"license": "CC-BY-3.0",
"maintainers": [
  {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  }
],
"name": "spdx-exceptions",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/kemitchell/spdx-exceptions.json.git"
},
"scripts": {},
"version": "1.0.4"
}

```

The package exports an array of strings.

```
{
  "_args": [
    [
      "spdx-license-ids@^1.0.0",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-parse"
    ],
    [
      "spdx-license-ids@^1.0.2",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct"
    ]
  ],
  "_from": "spdx-license-ids@>=1.0.0 <2.0.0",
  "_id": "spdx-license-ids@1.2.0",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-expression-parse/spdx-license-ids",
  "_nodeVersion": "5.4.0",
  "_npmUser": {
    "email": "snnskwtnb@gmail.com",
    "name": "shinnn"
  },
  "_npmVersion": "3.5.2",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-license-ids",
    "raw": "spdx-license-ids@^1.0.0",
    "rawSpec": "^1.0.0",
    "scope": null,
    "spec": ">=1.0.0 <2.0.0",
    "type": "range"
  },
  "_requiredBy": [
    "/validate-npm-package-license/spdx-expression-parse"
  ],
  "_shrinkwrap": null,
  "_spec": "spdx-license-ids@^1.0.0",
  "_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-parse",
  "author": {
    "name": "Shinnosuke Watanabe",
    "url": "https://github.com/shinnn"
  },
  "bugs": {
    "url": "https://github.com/shinnn/spdx-license-ids/issues"
  },
  "dependencies": {},
  "description": "A list of SPDX license identifiers",

```



```

"devDependencies": {
  "@shinnn/eslintrc": "^1.0.0",
  "each-async": "^1.1.1",
  "eslint": "^0.24.0",
  "got": "^3.3.0",
  "istanbul": "^0.3.17",
  "require-bower-files": "^2.0.0",
  "rimraf": "^2.4.1",
  "stringify-object": "^2.2.0",
  "tape": "^4.0.0"
},
"directories": {},
"dist": {
  "shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
  "tarball": "http://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz"
},
"files": [
  "spdx-license-ids.json"
],
"gitHead": "f74a7a16ca05540e0e97f1bbb61da07829b5d9ab",
"homepage": "https://github.com/shinnn/spdx-license-ids#readme",
"keywords": [
  "array",
  "browser",
  "client-side",
  "id",
  "identifier",
  "identifiers",
  "json",
  "license",
  "licenses",
  "oss",
  "spdx"
],
"license": "Unlicense",
"main": "spdx-license-ids.json",
"maintainers": [
  {
    "name": "shinnn",
    "email": "snnskwtb@gmail.com"
  }
],
"name": "spdx-license-ids",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/shinnn/spdx-license-ids.git"
}

```

```

},
"scripts": {
  "build": "node --harmony_arrow_functions build.js",
  "coverage": "node --harmony_arrow_functions node_modules/.bin/istanbul cover test.js",
  "coveralls": "${npm_package_scripts_coverage} && istanbul-coveralls",
  "lint": "eslint --config node_modules/@shinn/eslintrc/rc.json --ignore-path .gitignore .",
  "pretest": "${npm_package_scripts_build} && ${npm_package_scripts_lint}",
  "test": "node --harmony_arrow_functions test.js"
},
"version": "1.2.0"
}
var parser = require('./parser.generated.js').parser

module.exports = function(argument) {
  return parser.parse(argument) }
{
  "_args": [
    [
      "spdx-expression-parse@~1.0.0",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license"
    ]
  ],
  "_from": "spdx-expression-parse@>=1.0.0 <1.1.0",
  "_id": "spdx-expression-parse@1.0.2",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-expression-parse",
  "_nodeVersion": "5.0.0",
  "_npmUser": {
    "email": "kyle@kemitchell.com",
    "name": "kemitchell"
  },
  "_npmVersion": "3.3.6",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-expression-parse",
    "raw": "spdx-expression-parse@~1.0.0",
    "rawSpec": "~1.0.0",
    "scope": null,
    "spec": ">=1.0.0 <1.1.0",
    "type": "range"
  },
  "_requiredBy": [
    "/validate-npm-package-license"
  ],
  "_resolved": "https://registry.npmjs.org/spdx-expression-parse/-/spdx-expression-parse-1.0.2.tgz",
  "_shasum": "d52b14b5e9670771440af225bcb563122ac452f6",
  "_shrinkwrap": null,

```

```

"_spec": "spdx-expression-parse@~1.0.0",
"_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license",
"author": {
  "email": "kyle@kemitchell.com",
  "name": "Kyle E. Mitchell",
  "url": "http://kemitchell.com"
},
"bugs": {
  "url": "https://github.com/kemitchell/spdx-expression-parse.js/issues"
},
"dependencies": {
  "spdx-exceptions": "^1.0.4",
  "spdx-license-ids": "^1.0.0"
},
"description": "parse SPDX license expressions",
"devDependencies": {
  "defence-cli": "^1.0.1",
  "jison": "^0.4.15",
  "replace-require-self": "^1.0.0",
  "uglify-js": "^2.4.24"
},
"directories": {},
"dist": {
  "shasum": "d52b14b5e9670771440af225bcb563122ac452f6",
  "tarball": "http://registry.npmjs.org/spdx-expression-parse/-/spdx-expression-parse-1.0.2.tgz"
},
"gitHead": "ffe2fa7272ebf640b18286fc561f17a844d4f06b",
"homepage": "https://github.com/kemitchell/spdx-expression-parse.js#readme",
"keywords": [
  "SPDX",
  "law",
  "legal",
  "license",
  "metadata",
  "package",
  "package.json",
  "standards"
],
"license": "(MIT AND CC-BY-3.0)",
"maintainers": [
  {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  }
],
"name": "spdx-expression-parse",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",

```

```

"repository": {
  "type": "git",
  "url": "git+https://github.com/kemitchell/spdx-expression-parse.js.git"
},
"scripts": {
  "prepublish": "node generate-parser.js | uglifyjs > parser.generated.js",
  "pretest": "npm run prepublish",
  "test": "defence -i javascript README.md | replace-require-self | node"
},
"version": "1.0.2"
}

```

```

```javascript

```

```

var parse = require('spdx-expression-parse')
var assert = require('assert')

```

```

var firstAST = {
  left: { license: 'LGPL-2.1' },
  conjunction: 'or',
  right: {
    left: { license: 'BSD-3-Clause' },
    conjunction: 'and',
    right: { license: 'MIT' } } }

```

```

assert.deepEqual(
  parse('(LGPL-2.1 OR BSD-3-Clause AND MIT)'),
  firstAST)

```

```

var secondAST = {
  left: { license: 'MIT' },
  conjunction: 'and',
  right: {
    left: {
      license: 'LGPL-2.1',
      plus: true },
    conjunction: 'and',
    right: { license: 'BSD-3-Clause' } } }

```

```

assert.deepEqual(
  parse('(MIT AND (LGPL-2.1+ AND BSD-3-Clause))'),
  secondAST)

```

// We handle all the bare SPDX license and exception ids as well.

```

require('spdx-license-ids').forEach(function(id) {
  assert.deepEqual(
    parse(id),
    { license: id })
  require('spdx-exceptions').forEach(function(e) {
    assert.deepEqual(

```

```

    parse(id + ' WITH ' + e),
    { license: id, exception: e } ) } ) } )
...
---
```

[The Software Package Data Exchange (SPDX) specification](http://spdx.org) is the work of the [Linux Foundation](http://www.linuxfoundation.org) and its contributors, and is licensed under the terms of [the Creative Commons Attribution License 3.0 Unported (SPDX: "CC-BY-3.0")](http://spdx.org/licenses/CC-BY-3.0). "SPDX" is a United States federally registered trademark of the Linux Foundation.

```

var spdyparse=function(){var o=function(k,v,o,l){for(o=o||{ },l=k.length;l--;o[k[l]]=v);return o},$V0=[1,5],$V1=[1,6],$V2=[1,7],$V3=[1,4],$V4=[1,9],$V5=[1,10],$V6=[5,14,15,17],$V7=[5,12,14,15,17];var parser={trace:function trace(){},yy:{ },symbols_:{error:2,start:3,expression:4,EOS:5,simpleExpression:6,LICENSE:7,PLUS:8,LICENSEREF:9,DOCUMENTREF:10,COLON:11,WITH:12,EXCEPTION:13,AND:14,OR:15,OPEN:16,CLOSE:17,$accept:0,$end:1},terminals_:{2:"error",5:"EOS",7:"LICENSE",8:"PLUS",9:"LICENSEREF",10:"DOCUMENTREF",11:"COLON",12:"WITH",13:"EXCEPTION",14:"AND",15:"OR",16:"OPEN",17:"CLOSE"},productions_:[[0,[3,2],[6,1],[6,2],[6,1],[6,3],[4,1],[4,3],[4,3],[4,3],[4,3]],performAction:function anonymous(yytext,yyleng,yylineno,yy,yystate,$$,$_){var $0=$$.length-1;switch(yystate){case 1:return this.$=$$[$0-1];break;case 2:case 4:case 5:this.$={license:yytext};break;case 3:this.$={license:$[$0-1],plus:true};break;case 6:this.$=$$[$0];break;case 7:this.$={exception:$[$0]};this$.license=$$[$0-2].license;if($$[$0-2].hasOwnProperty("plus")){this$.plus=$$[$0-2].plus}break;case 8:this.$={conjunction:"and",left:$[$0-2],right:$[$0]};break;case 9:this.$={conjunction:"or",left:$[$0-2],right:$[$0]};break;case 10:this.$=$$[$0-1];break}},table:[{3:1,4:2,6:3,7:$V0,9:$V1,10:$V2,16:$V3},{1:[3]},{5:[1,8],14:$V4,15:$V5},o($V6,[2,6]},{12:[1,11]},{4:12,6:3,7:$V0,9:$V1,10:$V2,16:$V3},o($V7,[2,2]},{8:[1,13]},{9:$V7,[2,4]},{11:[1,14]},{1:[2,1]},{4:15,6:3,7:$V0,9:$V1,10:$V2,16:$V3},{4:16,6:3,7:$V0,9:$V1,10:$V2,16:$V3},{13:[1,17]},{14:$V4,15:$V5,17:[1,18]},{9:$V7,[2,3]},{9:[1,19]},{9:$V6,[2,8]},{5:[15,17],[2,9]},{14:$V4},{9:$V6,[2,7]},{9:$V6,[2,10]},{9:$V7,[2,5]}],defaultActions:{8:[2,1]},parseError:function parseError(str,hash){if(hash.recoverable){this.trace(str)}else{throw new Error(str)}},parse:function parse(input){var self=this,stack=[0],tstack=[],vstack=[null],lstack=[],table=this.table,yytext="",yylineno=0,yyleng=0,recovering=0,TERROR=2,EOF=1;var args=lstack.slice.call(arguments,1);var lexer=Object.create(this.lexer);var sharedState={yy:{ }};for(var k in this.yy){if(Object.prototype.hasOwnProperty.call(this.yy,k)){sharedState.yy[k]=this.yy[k]}}lexer.setInput(input,sharedState.yy);sharedState.yy.lexer=lexer;sharedState.yy.parser=this;if(typeof lexer.yylloc=="undefined"){lexer.yylloc={ }}var yyloc=lexer.yylloc;lstack.push(yyloc);var ranges=lexer.options&&lexer.options.ranges;if(typeof sharedState.yy.parseError=="function"){this.parseError=sharedState.yy.parseError}else{this.parseError=Object.getPrototypeOf(this).parseError}function popStack(n){stack.length=stack.length-2*n;vstack.length=vstack.length-n;lstack.length=lstack.length-n}_token_stack:function lex(){var token;token=lexer.lex()||EOF;if(typeof token!="number"){token=self.symbols_[token]||token}return token}var symbol,preErrorSymbol,state,action,a,r,yyval={ },p,len,newState,expected;while(true){state=stack[stack.length-1];if(this.defaultActions[state]){action=this.defaultActions[state]}else{if(symbol===null||typeof symbol=="undefined"){symbol=lex()}action=table[state]&&table[state][symbol]}if(typeof action=="undefined"||!action.length||!action[0]){var errStr="";expected=[];for(p in table[state]){if(this.terminals_[p]&&p>TERROR){expected.push(""+this.terminals_[p]+"")}}if(lexer.showPosition){errStr="Parse error on line "+(yylineno+1)+"":\n"+lexer.showPosition()+"\nExpecting "+expected.join(",")+", got "+(this.terminals_[symbol]||symbol)+""}else{errStr="Parse error on line "+(yylineno+1)+"": Unexpected
```

```

"+(symbol==EOF?"end of
input":"")+this.terminals_[symbol]||symbol)+"")this.parseError(errStr,{text:lexer.match,token:this.terminals_[sym
bol]||symbol,line:lexer.yylineno,loc:yyloc,expected:expected}))if(action[0]instanceof
Array&&action.length>1){throw new Error("Parse Error: multiple actions possible at state: "+state+", token:
"+symbol)}switch(action[0]){case
1:stack.push(symbol);vstack.push(lexer.yytext);lstack.push(lexer.yylloc);stack.push(action[1]);symbol=null;if(!preE
rrorSymbol){yyleng=lexer.yytext.length;yytext=lexer.yytext;yylineno=lexer.yylineno;yyloc=lexer.yylloc;if(recovering>0)
{recovering--}}else{symbol=preErrorSymbol;preErrorSymbol=null}break;case
2:len=this.productions_[action[1]][1];yyval.$=vstack[vstack.length-len];yyval._$={first_line:lstack[lstack.length-
(len||1)].first_line,last_line:lstack[lstack.length-1].last_line,first_column:lstack[lstack.length-
(len||1)].first_column,last_column:lstack[lstack.length-
1].last_column};if(ranges){yyval._$.range=[lstack[lstack.length-(len||1)].range[0],lstack[lstack.length-
1].range[1]]}r=this.performAction.apply(yyval,[yytext,yyleng,yylineno,sharedState.yy,action[1],vstack,lstack].conc
at(args));if(typeof r!="undefined"){return r}if(len){stack=stack.slice(0,-1*len*2);vstack=vstack.slice(0,-
1*len);lstack=lstack.slice(0,-
1*len)}stack.push(this.productions_[action[1]][0]);vstack.push(yyval.$);lstack.push(yyval._$);newState=table[stack
[stack.length-2]][stack[stack.length-1]];stack.push(newState);break;case 3:return true}}return true}};var
lexer=function(){var lexer={EOF:1,parseError:function
parseError(str,hash){if(this.yy.parser){this.yy.parser.parseError(str,hash)}else{throw new
Error(str)}},setInput:function(input,yy){this.yy=yy||this.yy||{};this._input=input;this._more=this._backtrack=this.do
ne=false;this.yylineno=this.yyleng=0;this.yytext=this.matched=this.match="";this.conditionStack=["INITIAL"];this.
yylloc={first_line:1,first_column:0,last_line:1,last_column:0};if(this.options.ranges){this.yylloc.range=[0,0]}this.of
fset=0;return this},input:function(){var
ch=this._input[0];this.yytext+=ch;this.yyleng++;this.offset++;this.match+=ch;this.matched+=ch;var
lines=ch.match(/(?:\r\n?|\n).*/g);if(lines){this.yylineno++;this.yylloc.last_line++}else{this.yylloc.last_column++}if(
this.options.ranges){this.yylloc.range[1]++}this._input=this._input.slice(1);return ch},unput:function(ch){var
len=ch.length;var
lines=ch.split(/(?:\r\n?|\n)/g);this._input=ch+this._input;this.yytext=this.yytext.substr(0,this.yytext.length-
len);this.offset-=len;var oldLines=this.match.split(/(?:\r\n?|\n)/g);this.match=this.match.substr(0,this.match.length-
1);this.matched=this.matched.substr(0,this.matched.length-1);if(lines.length-1){this.yylineno-=lines.length-1}var
r=this.yylloc.range;this.yylloc={first_line:this.yylloc.first_line,last_line:this.yylineno+1,first_column:this.yylloc.firs
t_column,last_column:lines?(lines.length===oldLines.length?this.yylloc.first_column:0)+oldLines[oldLines.length-
lines.length].length-lines[0].length:this.yylloc.first_column-
len};if(this.options.ranges){this.yylloc.range=[r[0],r[0]+this.yyleng-len]}this.yyleng=this.yytext.length;return
this},more:function(){this._more=true;return
this},reject:function(){if(this.options.backtrack_lexer){this._backtrack=true}else{return this.parseError("Lexical
error on line "+(this.yylineno+1)+". You can only invoke reject() in the lexer when the lexer is of the backtracking
persuasion (options.backtrack_lexer = true).\n"+this.showPosition(),{text:"",token:null,line:this.yylineno})}return
this},less:function(n){this.unput(this.match.slice(n))},pastInput:function(){var
past=this.matched.substr(0,this.matched.length-this.match.length);return(past.length>20?"...":"")+past.substr(-
20).replace(/\n/g,"")},upcomingInput:function(){var
next=this.match;if(next.length<20){next+=this._input.substr(0,20-
next.length)}return(next.substr(0,20)+(next.length>20?"...":"").replace(/\n/g,"")),showPosition:function(){var
pre=this.pastInput();var c=new Array(pre.length+1).join("-");return
pre+this.upcomingInput()+"\n"+c+"^"},test_match:function(match,indexed_rule){var
token,lines,backup;if(this.options.backtrack_lexer){backup={yylineno:this.yylineno,yylloc:{first_line:this.yylloc.firs
t_line,last_line:this.last_line,first_column:this.yylloc.first_column,last_column:this.yylloc.last_column},yytext:this
.yytext,match:this.match,matches:this.matches,matched:this.matched,yyleng:this.yyleng,offset:this.offset,_more:this

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._more,_input:this._input,yy:this.yy,conditionStack:this.conditionStack.slice(0),done:this.done };if(this.options.range
s){ backup.yylloc.range=this.yylloc.range.slice(0) } }lines=match[0].match(/(?:\r\n?|\n).*/g);if(lines){ this.yylineno+=l
ines.length}this.yylloc={ first_line:this.yylloc.last_line,last_line:this.yylineno+1,first_column:this.yylloc.last_colum
n,last_column:lines?lines[lines.length-1].length-lines[lines.length-
1].match(/^\r?\n?/)[0].length:this.yylloc.last_column+match[0].length };this.yytext+=match[0];this.match+=match[0];
this.matches=match;this.yyleng=this.yytext.length;if(this.options.ranges){ this.yylloc.range=[this.offset,this.offset+=
this.yyleng]}this._more=false;this._backtrack=false;this._input=this._input.slice(match[0].length);this.matched+=m
atch[0];token=this.performAction.call(this,this.yy,this,indexed_rule,this.conditionStack[this.conditionStack.length-
1]);if(this.done&&this._input){ this.done=false;if(token){ return token }else if(this._backtrack){ for(var k in
backup){ this[k]=backup[k]}return false }return false },next:function(){ if(this.done){ return
this.EOF}if(!this._input){ this.done=true }var
token,match,tempMatch,index;if(!this._more){ this.yytext="";this.match="" }var rules=this._currentRules();for(var
i=0;i<rules.length;i++){ tempMatch=this._input.match(this.rules[rules[i]]);if(tempMatch&&(!match||tempMatch[0].l
ength>match[0].length)){ match=tempMatch;index=i;if(this.options.backtrack_lexer){ token=this.test_match(tempM
atch,rules[i]);if(token!==false){ return token }else if(this._backtrack){ match=false;continue }else { return false } }else
if(!this.options.flex){ break } }if(match){ token=this.test_match(match,rules[index]);if(token!==false){ return
token }return false }if(this._input==="){ return this.EOF}else { return this.parseError("Lexical error on line
"+(this.yylineno+1)+" . Unrecognized
text.\n"+this.showPosition(),{ text:" ",token:null,line:this.yylineno} ) } },lex:function lex(){ var
r=this.next();if(r){ return r }else { return this.lex() } },begin:function
begin(condition){ this.conditionStack.push(condition) },popState:function popState(){ var
n=this.conditionStack.length-1;if(n>0){ return this.conditionStack.pop()}else { return
this.conditionStack[0] } },_currentRules:function
_currentRules(){ if(this.conditionStack.length&&this.conditionStack[this.conditionStack.length-1]){ return
this.conditions[this.conditionStack[this.conditionStack.length-1]].rules }else { return
this.conditions["INITIAL"].rules } },topState:function topState(n){ n=this.conditionStack.length-1-
Math.abs(n|0);if(n>=0){ return this.conditionStack[n] }else { return "INITIAL" } },pushState:function
pushState(condition){ this.begin(condition) },stateStackSize:function stateStackSize(){ return
this.conditionStack.length },options:{ },performAction:function
anonymous(yy,yy_,$avoiding_name_collisions,YY_START){ var
YYSTATE=YY_START;switch($avoiding_name_collisions){ case 0: return 5; break; case 1: break; case 2: return
8; break; case 3: return 16; break; case 4: return 17; break; case 5: return 11; break; case 6: return 10; break; case 7: return
9; break; case 8: return 14; break; case 9: return 15; break; case 10: return 12; break; case 11: return 7; break; case 12: return
7; break; case 13: return 7; break; case 14: return 13; break; case 15: return 13; break; case 16: return 13; break; case
17: return 13; break; case 18: return 13; break; case 19: return 13; break; case 20: return 13; break; case 21: return
13; break; case 22: return 7; break; case 23: return 7; break; case 24: return 13; break; case 25: return 13; break; case
26: return 13; break; case 27: return 7; break; case 28: return 13; break; case 29: return 13; break; case 30: return
13; break; case 31: return 7; break; case 32: return 7; break; case 33: return 13; break; case 34: return 13; break; case
35: return 13; break; case 36: return 7; break; case 37: return 13; break; case 38: return 7; break; case 39: return 7; break; case
40: return 7; break; case 41: return 7; break; case 42: return 7; break; case 43: return 7; break; case 44: return 7; break; case
45: return 7; break; case 46: return 7; break; case 47: return 7; break; case 48: return 7; break; case 49: return 7; break; case
50: return 7; break; case 51: return 13; break; case 52: return 7; break; case 53: return 7; break; case 54: return 7; break; case
55: return 13; break; case 56: return 7; break; case 57: return 7; break; case 58: return 7; break; case 59: return 13; break; case
60: return 7; break; case 61: return 13; break; case 62: return 7; break; case 63: return 7; break; case 64: return 7; break; case
65: return 7; break; case 66: return 7; break; case 67: return 7; break; case 68: return 7; break; case 69: return 7; break; case
70: return 7; break; case 71: return 7; break; case 72: return 7; break; case 73: return 7; break; case 74: return 7; break; case
75: return 7; break; case 76: return 7; break; case 77: return 7; break; case 78: return 7; break; case 79: return 7; break; case
80: return 7; break; case 81: return 7; break; case 82: return 7; break; case 83: return 7; break; case 84: return 7; break; case

```





7;break;case 303:return 7;break;case 304:return 7;break;case 305:return 7;break;case 306:return 7;break;case 307:return 7;break;case 308:return 7;break;case 309:return 7;break;case 310:return 7;break;case 311:return 7;break;case 312:return 7;break;case 313:return 7;break;case 314:return 7;break;case 315:return 7;break;case 316:return 7;break;case 317:return 7;break;case 318:return 7;break;case 319:return 7;break;case 320:return 7;break;case 321:return 7;break;case 322:return 7;break;case 323:return 7;break;case 324:return 7;break;case 325:return 7;break;case 326:return 7;break;case 327:return 7;break;case 328:return 7;break;case 329:return 7;break;case 330:return 7;break;case 331:return 7;break;case 332:return 7;break;case 333:return 7;break;case 334:return 7;break;case 335:return 7;break;case 336:return 7;break;case 337:return 7;break;case 338:return 7;break; } },rules:[/^(?:\$)/,^(?:\s+)/,^(?:\+),^(?:\()/,^(?:\)/,^(?:\:)/,^(?:\:)/,^(?:DocumentRef-([0-9A-Za-z-+.\+])/,^(?:LicenseRef-([0-9A-Za-z-+.\+])/,^(?:AND)/,^(?:OR)/,^(?:WITH)/,^(?:MPL-2\0-no-copyleft-exception)/,^(?:CNRI-Python-GPL-Compatible)/,^(?:BSD-3-Clause-Attribution)/,^(?:WxWindows-exception-3\1)/,^(?:Classpath-exception-2\0)/,^(?:gnu-javamail-exception)/,^(?:freertos-exception-2\0)/,^(?:i2p-gpl-java-exception)/,^(?:Autoconf-exception-2\0)/,^(?:Nokia-Qt-exception-1\1)/,^(?:Autoconf-exception-3\0)/,^(?:zlib-acknowledgement)/,^(?:BSD-2-Clause-FreeBSD)/,^(?:u-boot-exception-2\0)/,^(?:Bison-exception-2\2)/,^(?:CLISP-exception-2\0)/,^(?:BSD-2-Clause-NetBSD)/,^(?:FLTK-exception-2\0)/,^(?:eCos-exception-2\0)/,^(?:Font-exception-2\0)/,^(?:BSD-3-Clause-Clear)/,^(?:BSD-3-Clause-LBNL)/,^(?:GCC-exception-3\1)/,^(?:Qwt-exception-1\0)/,^(?:GCC-exception-2\0)/,^(?:Artistic-1\0-Perl)/,^(?:Libtool-exception)/,^(?:Artistic-1\0-cl8)/,^(?:CC-BY-NC-SA-4\0)/,^(?:CC-BY-NC-SA-1\0)/,^(?:CC-BY-NC-ND-4\0)/,^(?:CC-BY-NC-SA-3\0)/,^(?:CC-BY-NC-ND-3\0)/,^(?:CC-BY-NC-SA-2\5)/,^(?:CC-BY-NC-ND-2\0)/,^(?:CC-BY-NC-ND-1\0)/,^(?:CC-BY-NC-SA-2\0)/,^(?:MIT-advertising)/,^(?:BSD-4-Clause-UC)/,^(?:CC-BY-NC-ND-2\5)/,^(?:FLTK-exception)/,^(?:SugarCRM-1\1\3)/,^(?:CrystalStacker)/,^(?:BSD-Protection)/,^(?:LZMA-exception)/,^(?:BitTorrent-1\1)/,^(?:BitTorrent-1\0)/,^(?:Frameworkx-1\0)/,^(?:mif-exception)/,^(?:Interbase-1\0)/,^(?:389-exception)/,^(?:HaskellReport)/,^(?:CC-BY-NC-3\0)/,^(?:CC-BY-ND-4\0)/,^(?:CC-BY-NC-1\0)/,^(?:CC-BY-NC-2\0)/,^(?:CC-BY-NC-2\5)/,^(?:CC-BY-SA-4\0)/,^(?:CC-BY-NC-4\0)/,^(?:W3C-19980720)/,^(?:BSD-4-Clause)/,^(?:Artistic-1\0)/,^(?:BSD-3-Clause)/,^(?:CC-BY-ND-1\0)/,^(?:BSD-2-Clause)/,^(?:CC-BY-ND-2\0)/,^(?:CC-BY-ND-2\5)/,^(?:CC-BY-ND-3\0)/,^(?:Artistic-2\0)/,^(?:CC-BY-SA-1\0)/,^(?:CC-BY-SA-2\0)/,^(?:CC-BY-SA-2\5)/,^(?:CC-BY-SA-3\0)/,^(?:XFree86-1\1)/,^(?:OLDAP-2\0\1)/,^(?:bzip2-1\0\6)/,^(?:OLDAP-2\2\1)/,^(?:ImageMagick)/,^(?:Unicode-TOU)/,^(?:Adobe-Glyph)/,^(?:CUA-OPL-1\0)/,^(?:CNRI-Jython)/,^(?:CNRI-Python)/,^(?:bzip2-1\0\5)/,^(?:OLDAP-2\2\2)/,^(?:PostgreSQL)/,^(?:Apache-1\1)/,^(?:CECILL-1\0)/,^(?:Apache-2\0)/,^(?:Zimbra-1\4)/,^(?:CECILL-1\1)/,^(?:Zimbra-1\3)/,^(?:Adobe-2006)/,^(?:JasPer-2\0)/,^(?:CECILL-2\0)/,^(?:TORQUE-1\1)/,^(?:CECILL-2\1)/,^(?:Watcom-1\0)/,^(?:Intel-ACPI)/,^(?:ClArtistic)/,^(?:Spencer-99)/,^(?:Condor-1\1)/,^(?:Spencer-94)/,^(?:gSOAP-1\3b)/,^(?:EUDatagrid)/,^(?:Spencer-86)/,^(?:Python-2\0)/,^(?:RHeCos-1\1)/,^(?:CATOSL-1\1)/,^(?:Apache-1\0)/,^(?:FreeImage)/,^(?:SGI-B-1\1)/,^(?:SGI-B-1\0)/,^(?:SimPL-2\0)/,^(?:Sleepycat)/,^(?:Crossword)/,^(?:EriPL-1\1)/,^(?:CPOL-1\02)/,^(?:OLDAP-2\8)/,^(?:OLDAP-2\7)/,^(?:OLDAP-2\6)/,^(?:CC-BY-1\0)/,^(?:OLDAP-2\5)/,^(?:OLDAP-2\4)/,^(?:OLDAP-2\3)/,^(?:SISSL-1\2)/,^(?:Unlicense)/,^(?:SGI-B-2\0)/,^(?:OLDAP-2\2)/,^(?:OLDAP-2\1)/,^(?:CC-BY-2\5)/,^(?:D-FSL-1\0)/,^(?:LPPL-1\3a)/,^(?:LPPL-1\3c)/,^(?:OLDAP-2\0)/,^(?:CC-BY-3\0)/,^(?:Leptonica)/,^(?:OLDAP-1\4)/,^(?:OLDAP-1\3)/,^(?:OLDAP-1\2)/,^(?:OLDAP-1\1)/,^(?:MakeIndex)/,^(?:CC-BY-4\0)/,^(?:NPOSL-3\0)/,^(?:CC-BY-2\0)/,^(?:PHP-3\01)/,^(?:ANTLR-PD)/,^(?:APSL-1\0)/,^(?:MIT-enna)/,^(?:IBM-pibs)/,^(?:APSL-1\1)/,^(?:APSL-1\2)/,^(?:Beerware)/,^(?:EURL-1\0)/,^(?:EURL-1\1)/,^(?:diffmark)/,^(?:CDDL-1\0)/,^(?:Zend-2\0)/,^(?:CDDL-1\1)/,^(?:CPAL-1\0)/,^(?:APSL-2\0)/,^(?:LPPL-1\0)/,^(?:AGPL-1\0)/,^(?:Giftware)/,^(?:Abstyles)/,^(?:LPPL-1\1)/,^(?:LPPL-1\2)/,^(?:Sendmail)/,^(?:CECILL-B)/,^(?:AGPL-3\0)/,^(?:GFDL-1\1)/,^(?:GFDL-1\2)/,^(?:GFDL-1\3)/,^(?:RPSL-1\0)/,^(?:LPL-1\02)/,^(?:CECILL-C)/,^(?:Afmparse)/,^(?:LGPL-2\1)/,^(?:PDDL-1\0)/,^(?:ODbL-1\0)/,^(?:OCLC-2\0)/,^(?:LGPL-3\0)/,^(?:Newsletr)/,^(?:Motosoto)/,^(?:NBPL-1\0)/,^(?:NASA-1\3)/,^(?:LGPL-2\0)/,^(?:FSFULLR)/,^(?:MPL-2\0)/,^(?:Multics)/,^(?:AFL-1\1)/,^(?:MPL-1\1)/,^(?:AFL-1\2)/,^(?:MPL-

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1\0)/^(?:AFL-2\0)/^(?:AFL-2\1)/^(?:AFL-3\0)/^(?:NPL-1\0)/^(?:NPL-1\1)/^(?:APL-
1\0)/^(?:Aladdin)/^(?:AMDPLPA)/^(?:BSL-1\0)/^(?:Borceux)/^(?:Caldera)/^(?:MIT-CMU)/^(?:CPL-
1\0)/^(?:ZPL-2\1)/^(?:ZPL-2\0)/^(?:ZPL-1\1)/^(?:CC0-1\0)/^(?:YPL-1\1)/^(?:LPL-
1\0)/^(?:libtiff)/^(?:YPL-1\0)/^(?:Dotseqn)/^(?:Latex2e)/^(?:VSL-1\0)/^(?:VOSTROM)/^(?:UPL-
1\0)/^(?:dvipldfm)/^(?:EPL-1\0)/^(?:ECL-1\0)/^(?:ECL-2\0)/^(?:SPL-1\0)/^(?:IPL-1\0)/^(?:EFL-
1\0)/^(?:EFL-2\0)/^(?:OPL-1\0)/^(?:OSL-1\0)/^(?:OSL-1\1)/^(?:OSL-2\0)/^(?:OSL-2\1)/^(?:OSL-
3\0)/^(?:OpenSSL)/^(?:PHP-3\0)/^(?:gnuplot)/^(?:Entessa)/^(?:GPL-
3\0)/^(?:Eurosym)/^(?:psutils)/^(?:GPL-2\0)/^(?:QPL-1\0)/^(?:MIT-feh)/^(?:OFL-1\1)/^(?:GPL-
1\0)/^(?:RPL-1\1)/^(?:RPL-1\5)/^(?:OFL-1\0)/^(?:Saxpath)/^(?:Bahyph)/^(?:RSA-
MD)/^(?:Naumen)/^(?:NetCDF)/^(?:mpich2)/^(?:Glulxe)/^(?:APAFML)/^(?:psfrag)/^(?:Plexus)/^(?:SAX
-
PD)/^(?:MITNFA)/^(?:eGenix)/^(?:iMatix)/^(?:Imlib2)/^(?:Libpng)/^(?:xinetd)/^(?:LGPLLR)/^(?:Wsuip
a)/^(?:SMLNJ)/^(?:RSCPL)/^(?:SISSL)/^(?:Rdisc)/^(?:Noweb)/^(?:Qhull)/^(?:Nunit)/^(?:GL2PS)/^(?:T
Mate)/^(?:MirOS)/^(?:MS-RL)/^(?:Intel)/^(?:MS-
PL)/^(?:OGTSL)/^(?:WTFPL)/^(?:Nokia)/^(?:XSkat)/^(?:Glide)/^(?:FSFUL)/^(?:AMPAS)/^(?:Xerox)/^(
?:0BSD)/^(?:Ruby)/^(?:JSON)/^(?:MTLL)/^(?:Cube)/^(?:Zlib)/^(?:NCSA)/^(?:TOSL)/^(?:Xnet)/^(?:D
SDP)/^(?:HPND)/^(?:Barr)/^(?:SNIA)/^(?:ADSL)/^(?:NLPL)/^(?:Fair)/^(?:NOSL)/^(?:NGPL)/^(?:SCE
A)/^(?:Zed)/^(?:DOC)/^(?:ICU)/^(?:Vim)/^(?:xpp)/^(?:OML)/^(?:AAL)/^(?:AML)/^(?:W3C)/^(?:ISC)/
^(?:IPA)/^(?:X11)/^(?:MIT)/^(?:FTL)/^(?:IJG)/^(?:TCL)/^(?:SWL)/^(?:NTP)/^(?:Mup)/^(?:NRL)/,co
nditions:{INITIAL:{rules:[0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,3
2,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69
,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103,104,
105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,13
1,132,133,134,135,136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153,154,155,156,157,1
58,159,160,161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,176,177,178,179,180,181,182,183,184,
185,186,187,188,189,190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207,208,209,210,21
1,212,213,214,215,216,217,218,219,220,221,222,223,224,225,226,227,228,229,230,231,232,233,234,235,236,237,2
38,239,240,241,242,243,244,245,246,247,248,249,250,251,252,253,254,255,256,257,258,259,260,261,262,263,264,
265,266,267,268,269,270,271,272,273,274,275,276,277,278,279,280,281,282,283,284,285,286,287,288,289,290,29
1,292,293,294,295,296,297,298,299,300,301,302,303,304,305,306,307,308,309,310,311,312,313,314,315,316,317,3
18,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338],inclusive:true}};return
lexer});parser.lexer=lexer;function Parser(){this.yy={}}Parser.prototype=parser;parser.Parser=Parser;return new
Parser();if(typeof require!=="undefined"&&typeof
exports!=="undefined"){exports.parser=spdxparse;exports.Parser=spdxparse.Parser;exports.parse=function(){return
spdxparse.parse.apply(spdxparse,arguments)};exports.main=function
commonjsMain(args){if(!args[1]){console.log("Usage: "+args[0]+" FILE");process.exit(1)}var
source=require("fs").readFileSync(require("path").normalize(args[1],"utf8"));return
exports.parser.parse(source)};if(typeof
module!=="undefined"&&require.main===module){exports.main(process.argv.slice(1))}
var parse = require('spdx-expression-parse');
var correct = require('spdx-correct');

var genericWarning = (
'license should be ' +
'a valid SPDX license expression (without "LicenseRef"), ' +
'"UNLICENSED", or ' +
'"SEE LICENSE IN <filename>"
);

```

```
var fileReferenceRE = /^SEE LICEN[CS]E IN (.+)$/;
```

```
function startsWith(prefix, string) {  
  return string.slice(0, prefix.length) === prefix;  
}
```

```
function usesLicenseRef(ast) {  
  if (ast.hasOwnProperty('license')) {  
    var license = ast.license;  
    return (  
      startsWith('LicenseRef', license) ||  
      startsWith('DocumentRef', license)  
    );  
  } else {  
    return (  
      usesLicenseRef(ast.left) ||  
      usesLicenseRef(ast.right)  
    );  
  }  
}
```

```
module.exports = function(argument) {  
  var ast;  
  
  try {  
    ast = parse(argument);  
  } catch (e) {  
    var match  
    if (  
      argument === 'UNLICENSED' ||  
      argument === 'UNLICENCED'  
    ) {  
      return {  
        validForOldPackages: true,  
        validForNewPackages: true,  
        unlicensed: true  
      };  
    } else if (match = fileReferenceRE.exec(argument)) {  
      return {  
        validForOldPackages: true,  
        validForNewPackages: true,  
        inFile: match[1]  
      };  
    } else {  
      var result = {  
        validForOldPackages: false,  
        validForNewPackages: false,  

```

```

    warnings: [genericWarning]
  };
  var corrected = correct(argument);
  if (corrected) {
    result.warnings.push(
      'license is similar to the valid expression "' + corrected + '"
    );
  }
  return result;
}
}

if (usesLicenseRef(ast)) {
  return {
    validForNewPackages: false,
    validForOldPackages: false,
    spdx: true,
    warnings: [genericWarning]
  };
} else {
  return {
    validForNewPackages: true,
    validForOldPackages: true,
    spdx: true
  };
}
};
{
  "name": "validate-npm-package-license",
  "description": "Give me a string and I'll tell you if it's a valid npm package license string",
  "version": "3.0.1",
  "author": {
    "name": "Kyle E. Mitchell",
    "email": "kyle@kemitchell.com",
    "url": "https://kemitchell.com"
  },
  "dependencies": {
    "spdx-correct": "~1.0.0",
    "spdx-expression-parse": "~1.0.0"
  },
  "devDependencies": {
    "defence-cli": "^1.0.1",
    "replace-require-self": "^1.0.0"
  },
  "keywords": [
    "license",
    "npm",
    "package",

```

```

    "validation"
  ],
  "license": "Apache-2.0",
  "repository": {
    "type": "git",
    "url": "git+https://github.com/kemitchell/validate-npm-package-license.js.git"
  },
  "scripts": {
    "test": "defence README.md | replace-require-self | node"
  },
  "gitHead": "00200d28f9960985f221bc1a8a71e4760daf39bf",
  "bugs": {
    "url": "https://github.com/kemitchell/validate-npm-package-license.js/issues"
  },
  "homepage": "https://github.com/kemitchell/validate-npm-package-license.js#readme",
  "_id": "validate-npm-package-license@3.0.1",
  "_shasum": "2804babe712ad3379459acfbe24746ab2c303fbc",
  "_from": "validate-npm-package-license@3.0.1",
  "_npmVersion": "2.13.5",
  "_nodeVersion": "0.12.7",
  "_npmUser": {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  },
  "dist": {
    "shasum": "2804babe712ad3379459acfbe24746ab2c303fbc",
    "tarball": "http://registry.npmjs.org/validate-npm-package-license/-/validate-npm-package-license-3.0.1.tgz"
  },
  "maintainers": [
    {
      "name": "kemitchell",
      "email": "kyle@kemitchell.com"
    },
    {
      "name": "othiym23",
      "email": "ogd@aoaiioxxysz.net"
    }
  ],
  "directories": {},
  "_resolved": "https://registry.npmjs.org/validate-npm-package-license/-/validate-npm-package-license-3.0.1.tgz",
  "readme": "ERROR: No README data found!"
}
validate-npm-package-license
=====

```

Give me a string and I'll tell you if it's a valid npm package license string.

```
```javascript
```

```
var valid = require('validate-npm-package-license');
...

```

SPDX license identifiers are valid license strings:

```
```javascript

var assert = require('assert');
var validSPDXExpression = {
  validForNewPackages: true,
  validForOldPackages: true,
  spdx: true
};

assert.deepEqual(valid('MIT'), validSPDXExpression);
assert.deepEqual(valid('BSD-2-Clause'), validSPDXExpression);
assert.deepEqual(valid('Apache-2.0'), validSPDXExpression);
assert.deepEqual(valid('ISC'), validSPDXExpression);
...

```

The function will return a warning and suggestion for nearly-correct license identifiers:

```
```javascript
assert.deepEqual(
  valid('Apache 2.0'),
  {
    validForOldPackages: false,
    validForNewPackages: false,
    warnings: [
      'license should be ' +
      'a valid SPDX license expression (without "LicenseRef"), ' +
      '"UNLICENSED", or ' +
      '"SEE LICENSE IN <filename>"',
      'license is similar to the valid expression "Apache-2.0"'
    ]
  }
);
...

```

SPDX expressions are valid, too ...

```
```javascript
// Simple SPDX license expression for dual licensing
assert.deepEqual(
  valid('(GPL-3.0 OR BSD-2-Clause)'),
  validSPDXExpression
);
...

```

... except if they contain `LicenseRef`:

```
```javascript
var warningAboutLicenseRef = {
  validForOldPackages: false,
  validForNewPackages: false,
  spdx: true,
  warnings: [
    'license should be ' +
    'a valid SPDX license expression (without "LicenseRef")', ' +
    "'UNLICENSED', or ' +
    "'SEE LICENSE IN <filename>",
  ]
};

assert.deepEqual(
  valid('LicenseRef-Made-Up'),
  warningAboutLicenseRef
);

assert.deepEqual(
  valid('(MIT OR LicenseRef-Made-Up)'),
  warningAboutLicenseRef
);
```
```

If you can't describe your licensing terms with standardized SPDX identifiers, put the terms in a file in the package and point users there:

```
```javascript
assert.deepEqual(
  valid('SEE LICENSE IN LICENSE.txt'),
  {
    validForNewPackages: true,
    validForOldPackages: true,
    inFile: 'LICENSE.txt'
  }
);

assert.deepEqual(
  valid('SEE LICENSE IN license.md'),
  {
    validForNewPackages: true,
    validForOldPackages: true,
    inFile: 'license.md'
  }
);
```
```

If there aren't any licensing terms, use `UNLICENSED`:

```
```javascript
var unlicensed = {
  validForNewPackages: true,
  validForOldPackages: true,
  unlicensed: true
};
assert.deepEqual(valid('UNLICENSED'), unlicensed);
assert.deepEqual(valid('UNLICENSED'), unlicensed);
```
```

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34. [37]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
35. [38]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
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  58. [62]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
  59. [63]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD
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## 1.315 ntp/gpl\_and\_lgpl\_files 4.2.8p4

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# 1.316 ntp/sntp/libopts 4.2.8p4

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```
<one line to give the program's name and a brief idea of what it does.>  
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```

```
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```
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This program 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.
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## 1.317 oauthlib 2.0.6

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## 1.318 open-vm-tools 10.1.5

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>>> freebsd-base64-4.8

base64.c -- routines to encode/decode base64 data

\$OpenLDAP: pkg/ldap/libraries/liblutil/base64.c,v 1.15 2006/01/03 22:12:11 kurt Exp \$ /

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Version 2.8, 17 August 2003

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```
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*
* Optimised ANSI C code for the Rijndael cipher (now AES)
*
* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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# 1.327 parted 3.1

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Version 3, 29 June 2007

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## 1.328 pbr 1.8.1

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## 1.329 pciutils 3.2.1

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```
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-----

Written by: Philip Hazel  
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Email domain: cam.ac.uk

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## 1.331 Percolator 5.6.4

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The End

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```
use strict;
use lib 't/lib';
use MBTest;
use DistGen;
```

```
plan 'no_plan';
```

```
# Ensure any Module::Build modules are loaded from correct directory
```

```

blib_load('Module::Build');

#-----#
# Create test distribution
#-----#

{
my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'perl'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'perl',
    "license 'perl' is valid"
);

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'perl', "META license will be 'perl'" );
is( $meta->{resources}{license}, "http://dev.perl.org/licenses/",
    "META license URL is correct"
);

}

{
my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'VaporWare'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'VaporWare',
    "license 'VaporWare' is valid"
);

my $meta = $mb->get_metadata( fatal => 0 );

```

```
is( $meta->{license} => 'unrestricted', "META license will be 'unrestricted" );
is( $meta->{resources}{license}, "http://example.com/vaporware/",
    "META license URL is correct"
);
}
```

```
# Test with alpha number
# vim:ts=2:sw=2:et:sta:sts=2
```

-----

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# 1.334 picketbox 4.0.21.Final

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Version 2.1, February 1999

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## 1.335 pip 8.1.1

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## 1.336 popt 1.16

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

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

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

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

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

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

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

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

changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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

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

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# 1.341 protobuf 2.6.1 :1

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# 1.344 pycparser 2.18

# 1.345 PyJWT 1.6.0

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## 1.346 python 2.7.11 :2

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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 (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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

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## 1.347 python-adal 0.5.0

## 1.348 python-argparse 1.2.1



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### History

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Before (and including) argparse 1.1, the argparse package was licensed under Apache License v2.0.

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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 (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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|---------|---------|------|-------|------|

|            | from      |           |            | compatible? (1) |
|------------|-----------|-----------|------------|-----------------|
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| 1.3 thru   | 1.5.2     | 1995-1999 | CNRI       | yes             |
| 1.6        | 1.5.2     | 2000      | CNRI       | no              |
| 2.0        | 1.6       | 2000      | BeOpen.com | no              |
| 1.6.1      | 1.6       | 2001      | CNRI       | yes (2)         |
| 2.1        | 2.0+1.6.1 | 2001      | PSF        | no              |
| 2.0.1      | 2.0+1.6.1 | 2001      | PSF        | yes             |
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| 2.2.1      | 2.2       | 2002      | PSF        | yes             |
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| 2.4.1      | 2.4       | 2005      | PSF        | yes             |
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| 2.6.3      | 2.6.2     | 2009      | PSF        | yes             |
| 2.6.4      | 2.6.3     | 2009      | PSF        | yes             |
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## **1.351 python-azure-mgmt-network 1.7.1**

## **1.352 python-azure-mgmt-nspkg 2.0.0**

## **1.353 python-azure-mgmt-resource 1.2.2**

## **1.354 python-azure-nspkg 2.0.0**

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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 (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
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| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
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Mersenne Twister

The `_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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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

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The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include

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The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.  
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.  
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.  
1999-05-03 lpd Original version.  
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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

software.

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

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| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
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```

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## 1.377 requests 2.15.1

### 1.377.1 Available under license :

""""

This module uses ctypes to bind a whole bunch of functions and constants from SecureTransport. The goal here is to provide the low-level API to SecureTransport. These are essentially the C-level functions and constants, and they're pretty gross to work with.

This code is a bastardised version of the code found in Will Bond's oscrypto library. An enormous debt is owed to him for blazing this trail for us. For that reason, this code should be considered to be covered both by urllib3's license and by oscrypto's:

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""""

```
from __future__ import absolute_import
```

```
import platform
```

```
from ctypes.util import find_library
```

```

from ctypes import (
    c_void_p, c_int32, c_char_p, c_size_t, c_byte, c_uint32, c_ulong, c_long,
    c_bool
)
from ctypes import CDLL, POINTER, CFUNCTYPE

security_path = find_library('Security')
if not security_path:
    raise ImportError("The library Security could not be found")

core_foundation_path = find_library('CoreFoundation')
if not core_foundation_path:
    raise ImportError("The library CoreFoundation could not be found")

version = platform.mac_ver()[0]
version_info = tuple(map(int, version.split('.')))
if version_info < (10, 8):
    raise OSError(
        'Only OS X 10.8 and newer are supported, not %s.%s' % (
            version_info[0], version_info[1]
        )
    )

Security = CDLL(security_path, use_errno=True)
CoreFoundation = CDLL(core_foundation_path, use_errno=True)

Boolean = c_bool
CFIndex = c_long
CFStringEncoding = c_uint32
CFData = c_void_p
CFString = c_void_p
CFArray = c_void_p
CFMutableArray = c_void_p
CFDictionary = c_void_p
CFError = c_void_p
CFType = c_void_p
CFTypeID = c_ulong

CFTypeRef = POINTER(CFType)
CFAllocatorRef = c_void_p

OSStatus = c_int32

CFDataRef = POINTER(CFData)
CFStringRef = POINTER(CFString)

```

```
CFArrayRef = POINTER(CFArray)
CFMutableArrayRef = POINTER(CFMutableArray)
CFDictionaryRef = POINTER(CFDictionary)
CFArrayCallbacks = c_void_p
CFDictionaryKeyCallbacks = c_void_p
CFDictionaryValueCallbacks = c_void_p
```

```
SecCertificateRef = POINTER(c_void_p)
SecExternalFormat = c_uint32
SecExternalItemType = c_uint32
SecIdentityRef = POINTER(c_void_p)
SecItemImportExportFlags = c_uint32
SecItemImportExportKeyParameters = c_void_p
SecKeychainRef = POINTER(c_void_p)
SSLProtocol = c_uint32
SSLCipherSuite = c_uint32
SSLContextRef = POINTER(c_void_p)
SecTrustRef = POINTER(c_void_p)
SSLConnectionRef = c_uint32
SecTrustResultType = c_uint32
SecTrustOptionFlags = c_uint32
SSLProtocolSide = c_uint32
SSLConnectionType = c_uint32
SSLSessionOption = c_uint32
```

try:

```
Security.SecItemImport.argtypes = [
    CFDataRef,
    CFStringRef,
    POINTER(SecExternalFormat),
    POINTER(SecExternalItemType),
    SecItemImportExportFlags,
    POINTER(SecItemImportExportKeyParameters),
    SecKeychainRef,
    POINTER(CFArrayRef),
]
Security.SecItemImport.restype = OSStatus

Security.SecCertificateGetTypeID.argtypes = []
Security.SecCertificateGetTypeID.restype = CFTTypeID

Security.SecIdentityGetTypeID.argtypes = []
Security.SecIdentityGetTypeID.restype = CFTTypeID

Security.SecKeyGetTypeID.argtypes = []
Security.SecKeyGetTypeID.restype = CFTTypeID
```

```
Security.SecCertificateCreateWithData.argtypes = [  
    CFAllocatorRef,  
    CFDataRef  
]  
Security.SecCertificateCreateWithData.restype = SecCertificateRef
```

```
Security.SecCertificateCopyData.argtypes = [  
    SecCertificateRef  
]  
Security.SecCertificateCopyData.restype = CFDataRef
```

```
Security.SecCopyErrorMessageString.argtypes = [  
    OSStatus,  
    c_void_p  
]  
Security.SecCopyErrorMessageString.restype = CFStringRef
```

```
Security.SecIdentityCreateWithCertificate.argtypes = [  
    CTypeRef,  
    SecCertificateRef,  
    POINTER(SecIdentityRef)  
]  
Security.SecIdentityCreateWithCertificate.restype = OSStatus
```

```
Security.SecKeychainCreate.argtypes = [  
    c_char_p,  
    c_uint32,  
    c_void_p,  
    Boolean,  
    c_void_p,  
    POINTER(SecKeychainRef)  
]  
Security.SecKeychainCreate.restype = OSStatus
```

```
Security.SecKeychainDelete.argtypes = [  
    SecKeychainRef  
]  
Security.SecKeychainDelete.restype = OSStatus
```

```
Security.SecPKCS12Import.argtypes = [  
    CFDataRef,  
    CFDictionaryRef,  
    POINTER(CFArrayRef)  
]  
Security.SecPKCS12Import.restype = OSStatus
```

```
SSLReadFunc = CFUNCTYPE(OSStatus, SSLConnectionRef, c_void_p, POINTER(c_size_t))  
SSLWriteFunc = CFUNCTYPE(OSStatus, SSLConnectionRef, POINTER(c_byte), POINTER(c_size_t))
```

```
Security.SSLSetIOFuncs.argtypes = [  
    SSLContextRef,  
    SSLReadFunc,  
    SSLWriteFunc  
]  
Security.SSLSetIOFuncs.restype = OSStatus
```

```
Security.SSLSetPeerID.argtypes = [  
    SSLContextRef,  
    c_char_p,  
    c_size_t  
]  
Security.SSLSetPeerID.restype = OSStatus
```

```
Security.SSLSetCertificate.argtypes = [  
    SSLContextRef,  
    CFArrayRef  
]  
Security.SSLSetCertificate.restype = OSStatus
```

```
Security.SSLSetCertificateAuthorities.argtypes = [  
    SSLContextRef,  
    CFTypeRef,  
    Boolean  
]  
Security.SSLSetCertificateAuthorities.restype = OSStatus
```

```
Security.SSLSetConnection.argtypes = [  
    SSLContextRef,  
    SSLConnectionRef  
]  
Security.SSLSetConnection.restype = OSStatus
```

```
Security.SSLSetPeerDomainName.argtypes = [  
    SSLContextRef,  
    c_char_p,  
    c_size_t  
]  
Security.SSLSetPeerDomainName.restype = OSStatus
```

```
Security.SSLHandshake.argtypes = [  
    SSLContextRef  
]  
Security.SSLHandshake.restype = OSStatus
```

```
Security.SSLRead.argtypes = [  
    SSLContextRef,
```



```

    c_char_p,
    c_size_t,
    POINTER(c_size_t)
]
Security.SSLRead.restype = OSStatus

Security.SSLWrite.argtypes = [
    SSLContextRef,
    c_char_p,
    c_size_t,
    POINTER(c_size_t)
]
Security.SSLWrite.restype = OSStatus

Security.SSLClose.argtypes = [
    SSLContextRef
]
Security.SSLClose.restype = OSStatus

Security.SSLGetNumberSupportedCiphers.argtypes = [
    SSLContextRef,
    POINTER(c_size_t)
]
Security.SSLGetNumberSupportedCiphers.restype = OSStatus

Security.SSLGetSupportedCiphers.argtypes = [
    SSLContextRef,
    POINTER(SSLCipherSuite),
    POINTER(c_size_t)
]
Security.SSLGetSupportedCiphers.restype = OSStatus

Security.SSLSetEnabledCiphers.argtypes = [
    SSLContextRef,
    POINTER(SSLCipherSuite),
    c_size_t
]
Security.SSLSetEnabledCiphers.restype = OSStatus

Security.SSLGetNumberEnabledCiphers.argtype = [
    SSLContextRef,
    POINTER(c_size_t)
]
Security.SSLGetNumberEnabledCiphers.restype = OSStatus

Security.SSLGetEnabledCiphers.argtypes = [
    SSLContextRef,
    POINTER(SSLCipherSuite),

```

```

    POINTER(c_size_t)
]
Security.SSLGetEnabledCiphers.restype = OSStatus

Security.SSLGetNegotiatedCipher.argtypes = [
    SSLContextRef,
    POINTER(SSLCipherSuite)
]
Security.SSLGetNegotiatedCipher.restype = OSStatus

Security.SSLGetNegotiatedProtocolVersion.argtypes = [
    SSLContextRef,
    POINTER(SSLProtocol)
]
Security.SSLGetNegotiatedProtocolVersion.restype = OSStatus

Security.SSLCopyPeerTrust.argtypes = [
    SSLContextRef,
    POINTER(SecTrustRef)
]
Security.SSLCopyPeerTrust.restype = OSStatus

Security.SecTrustSetAnchorCertificates.argtypes = [
    SecTrustRef,
    CFArrayRef
]
Security.SecTrustSetAnchorCertificates.restype = OSStatus

Security.SecTrustSetAnchorCertificatesOnly.argtypes = [
    SecTrustRef,
    Boolean
]
Security.SecTrustSetAnchorCertificatesOnly.restype = OSStatus

Security.SecTrustEvaluate.argtypes = [
    SecTrustRef,
    POINTER(SecTrustResultType)
]
Security.SecTrustEvaluate.restype = OSStatus

Security.SecTrustGetCertificateCount.argtypes = [
    SecTrustRef
]
Security.SecTrustGetCertificateCount.restype = CFIndex

Security.SecTrustGetCertificateAtIndex.argtypes = [
    SecTrustRef,
    CFIndex

```

```
]
Security.SecTrustGetCertificateAtIndex.restype = SecCertificateRef
```

```
Security.SSLCreateContext.argtypes = [
    CFAllocatorRef,
    SSLProtocolSide,
    SSLConnectionType
]
Security.SSLCreateContext.restype = SSLContextRef
```

```
Security.SSLSetSessionOption.argtypes = [
    SSLContextRef,
    SSLSessionOption,
    Boolean
]
Security.SSLSetSessionOption.restype = OSStatus
```

```
Security.SSLSetProtocolVersionMin.argtypes = [
    SSLContextRef,
    SSLProtocol
]
Security.SSLSetProtocolVersionMin.restype = OSStatus
```

```
Security.SSLSetProtocolVersionMax.argtypes = [
    SSLContextRef,
    SSLProtocol
]
Security.SSLSetProtocolVersionMax.restype = OSStatus
```

```
Security.SecCopyErrorMessageString.argtypes = [
    OSStatus,
    c_void_p
]
Security.SecCopyErrorMessageString.restype = CFStringRef
```

```
Security.SSLReadFunc = SSLReadFunc
Security.SSLWriteFunc = SSLWriteFunc
Security.SSLContextRef = SSLContextRef
Security.SSLProtocol = SSLProtocol
Security.SSLCipherSuite = SSLCipherSuite
Security.SecIdentityRef = SecIdentityRef
Security.SecKeychainRef = SecKeychainRef
Security.SecTrustRef = SecTrustRef
Security.SecTrustResultType = SecTrustResultType
Security.SecExternalFormat = SecExternalFormat
Security.OSStatus = OSStatus
```

```
Security.kSecImportExportPassphrase = CFStringRef.in_dll(
```

```

    Security, 'kSecImportExportPassphrase'
)
Security.kSecImportItemIdentity = CFStringRef.in_dll(
    Security, 'kSecImportItemIdentity'
)

# CoreFoundation time!
CoreFoundation.CFRetain.argtypes = [
    CFTypeRef
]
CoreFoundation.CFRetain.restype = CFTypeRef

CoreFoundation.CFRelease.argtypes = [
    CFTypeRef
]
CoreFoundation.CFRelease.restype = None

CoreFoundation.CFGetTypeID.argtypes = [
    CFTypeRef
]
CoreFoundation.CFGetTypeID.restype = CFTypeID

CoreFoundation.CFStringCreateWithCString.argtypes = [
    CFAllocatorRef,
    c_char_p,
    CFStringEncoding
]
CoreFoundation.CFStringCreateWithCString.restype = CFStringRef

CoreFoundation.CFStringGetCStringPtr.argtypes = [
    CFStringRef,
    CFStringEncoding
]
CoreFoundation.CFStringGetCStringPtr.restype = c_char_p

CoreFoundation.CFStringGetCString.argtypes = [
    CFStringRef,
    c_char_p,
    CFIndex,
    CFStringEncoding
]
CoreFoundation.CFStringGetCString.restype = c_bool

CoreFoundation.CFDataCreate.argtypes = [
    CFAllocatorRef,
    c_char_p,
    CFIndex
]

```

```

CoreFoundation.CFDataCreate.restype = CFDataRef

CoreFoundation.CFDataGetLength.argtypes = [
    CFDataRef
]
CoreFoundation.CFDataGetLength.restype = CFIndex

CoreFoundation.CFDataGetBytePtr.argtypes = [
    CFDataRef
]
CoreFoundation.CFDataGetBytePtr.restype = c_void_p

CoreFoundation.CFDictionaryCreate.argtypes = [
    CFAllocatorRef,
    POINTER(CFTypeRef),
    POINTER(CFTypeRef),
    CFIndex,
    CFDictionaryKeyCallBacks,
    CFDictionaryValueCallBacks
]
CoreFoundation.CFDictionaryCreate.restype = CFDictionaryRef

CoreFoundation.CFDictionaryGetValue.argtypes = [
    CFDictionaryRef,
    CFTypeRef
]
CoreFoundation.CFDictionaryGetValue.restype = CFTypeRef

CoreFoundation.CFArrayCreate.argtypes = [
    CFAllocatorRef,
    POINTER(CFTypeRef),
    CFIndex,
    CFArrayCallBacks,
]
CoreFoundation.CFArrayCreate.restype = CFArrayRef

CoreFoundation.CFArrayCreateMutable.argtypes = [
    CFAllocatorRef,
    CFIndex,
    CFArrayCallBacks
]
CoreFoundation.CFArrayCreateMutable.restype = CFMutableArrayRef

CoreFoundation.CFArrayAppendValue.argtypes = [
    CFMutableArrayRef,
    c_void_p
]
CoreFoundation.CFArrayAppendValue.restype = None

```

```

CoreFoundation.CFArrayGetCount.argtypes = [
    CFArrayRef
]
CoreFoundation.CFArrayGetCount.restype = CFIndex

CoreFoundation.CFArrayGetValueAtIndex.argtypes = [
    CFArrayRef,
    CFIndex
]
CoreFoundation.CFArrayGetValueAtIndex.restype = c_void_p

CoreFoundation.kCFAllocatorDefault = CFAllocatorRef.in_dll(
    CoreFoundation, 'kCFAllocatorDefault'
)
CoreFoundation.kCFTypesArrayCallbacks = c_void_p.in_dll(CoreFoundation, 'kCFTypesArrayCallbacks')
CoreFoundation.kCFTypesDictionaryKeyCallbacks = c_void_p.in_dll(
    CoreFoundation, 'kCFTypesDictionaryKeyCallbacks'
)
CoreFoundation.kCFTypesDictionaryValueCallbacks = c_void_p.in_dll(
    CoreFoundation, 'kCFTypesDictionaryValueCallbacks'
)

CoreFoundation.CFTypeRef = CFTypeRef
CoreFoundation.CFArrayRef = CFArrayRef
CoreFoundation.CFStringRef = CFStringRef
CoreFoundation.CFDictionaryRef = CFDictionaryRef

except (AttributeError):
    raise ImportError('Error initializing ctypes')

class CFConst(object):
    """
    A class object that acts as essentially a namespace for CoreFoundation
    constants.
    """
    kCFStringEncodingUTF8 = CFStringEncoding(0x08000100)

class SecurityConst(object):
    """
    A class object that acts as essentially a namespace for Security constants.
    """
    kSSLSessionOptionBreakOnServerAuth = 0

    kSSLProtocol2 = 1
    kSSLProtocol3 = 2

```

```
kTLSProtocol1 = 4
kTLSProtocol11 = 7
kTLSProtocol12 = 8

kSSLClientSide = 1
kSSLStreamType = 0

kSecFormatPEMSequence = 10

kSecTrustResultInvalid = 0
kSecTrustResultProceed = 1
# This gap is present on purpose: this was kSecTrustResultConfirm, which
# is deprecated.
kSecTrustResultDeny = 3
kSecTrustResultUnspecified = 4
kSecTrustResultRecoverableTrustFailure = 5
kSecTrustResultFatalTrustFailure = 6
kSecTrustResultOtherError = 7

errSSLProtocol = -9800
errSSLWouldBlock = -9803
errSSLClosedGraceful = -9805
errSSLClosedNoNotify = -9816
errSSLClosedAbort = -9806

errSSLXCertChainInvalid = -9807
errSSLCrypto = -9809
errSSLInternal = -9810
errSSLCertExpired = -9814
errSSLCertNotYetValid = -9815
errSSLUnknownRootCert = -9812
errSSLNoRootCert = -9813
errSSLHostNameMismatch = -9843
errSSLPeerHandshakeFail = -9824
errSSLPeerUserCancelled = -9839
errSSLWeakPeerEphemeralDHKey = -9850
errSSLServerAuthCompleted = -9841
errSSLRecordOverflow = -9847

errSecVerifyFailed = -67808
errSecNoTrustSettings = -25263
errSecItemNotFound = -25300
errSecInvalidTrustSettings = -25262

# Cipher suites. We only pick the ones our default cipher string allows.
TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 = 0xC02C
TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 = 0xC030
TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256 = 0xC02B
```

TLS\_ECDHE\_RSA\_WITH\_AES\_128\_GCM\_SHA256 = 0xC02F  
TLS\_DHE\_DSS\_WITH\_AES\_256\_GCM\_SHA384 = 0x00A3  
TLS\_DHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384 = 0x009F  
TLS\_DHE\_DSS\_WITH\_AES\_128\_GCM\_SHA256 = 0x00A2  
TLS\_DHE\_RSA\_WITH\_AES\_128\_GCM\_SHA256 = 0x009E  
TLS\_ECDHE\_ECDSA\_WITH\_AES\_256\_CBC\_SHA384 = 0xC024  
TLS\_ECDHE\_RSA\_WITH\_AES\_256\_CBC\_SHA384 = 0xC028  
TLS\_ECDHE\_ECDSA\_WITH\_AES\_256\_CBC\_SHA = 0xC00A  
TLS\_ECDHE\_RSA\_WITH\_AES\_256\_CBC\_SHA = 0xC014  
TLS\_DHE\_RSA\_WITH\_AES\_256\_CBC\_SHA256 = 0x006B  
TLS\_DHE\_DSS\_WITH\_AES\_256\_CBC\_SHA256 = 0x006A  
TLS\_DHE\_RSA\_WITH\_AES\_256\_CBC\_SHA = 0x0039  
TLS\_DHE\_DSS\_WITH\_AES\_256\_CBC\_SHA = 0x0038  
TLS\_ECDHE\_ECDSA\_WITH\_AES\_128\_CBC\_SHA256 = 0xC023  
TLS\_ECDHE\_RSA\_WITH\_AES\_128\_CBC\_SHA256 = 0xC027  
TLS\_ECDHE\_ECDSA\_WITH\_AES\_128\_CBC\_SHA = 0xC009  
TLS\_ECDHE\_RSA\_WITH\_AES\_128\_CBC\_SHA = 0xC013  
TLS\_DHE\_RSA\_WITH\_AES\_128\_CBC\_SHA256 = 0x0067  
TLS\_DHE\_DSS\_WITH\_AES\_128\_CBC\_SHA256 = 0x0040  
TLS\_DHE\_RSA\_WITH\_AES\_128\_CBC\_SHA = 0x0033  
TLS\_DHE\_DSS\_WITH\_AES\_128\_CBC\_SHA = 0x0032  
TLS\_RSA\_WITH\_AES\_256\_GCM\_SHA384 = 0x009D  
TLS\_RSA\_WITH\_AES\_128\_GCM\_SHA256 = 0x009C  
TLS\_RSA\_WITH\_AES\_256\_CBC\_SHA256 = 0x003D  
TLS\_RSA\_WITH\_AES\_128\_CBC\_SHA256 = 0x003C  
TLS\_RSA\_WITH\_AES\_256\_CBC\_SHA = 0x0035  
TLS\_RSA\_WITH\_AES\_128\_CBC\_SHA = 0x002F

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Requests includes some vendorized python libraries to ease installation.

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Contributors

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- `Carson Lam` \_

.. \_Carson Lam: <https://github.com/rbcarson>

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## 1.381 sbsigntool 0.6-

951ee95a301674c046f55330cd7460e1314deff2



# :0ubuntu4~12.04.1

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## 1.391 slang 2.2.4

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 *
*/
package org.slf4j;

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

```

```

import org.slf4j.impl.StaticMarkerBinder;

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

    private MarkerFactory() {
    }

    static {
        try {
            markerFactory = StaticMarkerBinder.SINGLETON.getMarkerFactory();
        } catch (NoClassDefFoundError e) {
            markerFactory = new BasicMarkerFactory();

        } catch (Exception e) {
            // we should never get here
            Util.report("Unexpected failure while binding MarkerFactory", e);
        }
    }

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

    /**
     * Create a marker which is detached (even at birth) from the MarkerFactory.
     *

```

```

* @param name the name of the marker
* @return a dangling marker
* @since 1.5.1
*/
public static Marker getDetachedMarker(String name) {
    return markerFactory.getDetachedMarker(name);
}

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

```

## 1.397 slf4j-log4j12 1.7.7

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# 1.398 smDateTimeRangePicker 2.0.11

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## 1.415 tcpdump 4.9.1

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## 1.422 trousers 0.3.13

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## 1.424 udev 182.0

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# 1.426 update-rc.d 0.7

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```
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Version 3, 29 June 2007

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## 1.433 WCircleMenu 0.1

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Version 1.1

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<?xml version="1.0" encoding="ISO-8859-1" ?>

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

```

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">

<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
<title>Eclipse Public License - Version 1.0</title>
<style type="text/css">
body {
  size: 8.5in 11.0in;
  margin: 0.25in 0.5in 0.25in 0.5in;
  tab-interval: 0.5in;
  }
p {
  margin-left: auto;
  margin-top: 0.5em;
  margin-bottom: 0.5em;
  }
p.list {
  margin-left: 0.5in;
  margin-top: 0.05em;
  margin-bottom: 0.05em;
  }
</style>

</head>

<body lang="EN-US">

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</body>

</html>

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

<html lang="en">

<head>

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

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

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

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

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

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

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

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</head>

<body>

<div id="page" class="container\_16">

```

<div id="header" class="grid_8">
  
  <h1>The Apache Software Foundation</h1>
  <h2>Apache License, Version 2.0</h2>
</div>
<div id="nav" class="grid_8">
  <ul>
    <!-- <li><a href="/" title="Welcome!">Home</a></li> -->
    <li><a href="/foundation/" title="The Foundation">Foundation</a></li>
    <li><a href="http://projects.apache.org" title="The Projects">Projects</a></li>
    <li><a href="http://people.apache.org" title="The People">People</a></li>
    <li><a href="/foundation/getinvolved.html" title="Get Involved">Get Involved</a></li>
    <li><a href="/dyn/closer.cgi" title="Download">Download</a></li>
    <li><a href="/foundation/sponsorship.html" title="Support Apache">Support Apache</a></li>
  </ul>
  <p><a href="/">Home</a>&nbsp;&raquo;&nbsp;&raquo;&nbsp;&raquo;<a href="/licenses/">Licenses</a></p>
  <form name="search" id="search" action="http://www.google.com/search" method="get">
    <input value="apache.org" name="sitesearch" type="hidden"/>
    <input type="text" name="q" id="query">
    <input type="submit" id="submit" value="Search">
  </form>
</div>
<div class="clear"></div>
<div id="content" class="grid_16"><div class="section-content"><p>Apache License<br><br>Version 2.0,
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```
</pre></div></div></div>
<div class="clear"></div>
</div>
<div id="footer" class="container_16">
  <div class="links_grid_16">
    <div class="grid_3">
      <h4>Projects</h4>
      <ul>
<li><a href="http://httpd.apache.org/" title="Apache Web Server (httpd)">HTTP Server</a></li>
<li><a href="http://abdera.apache.org/" title="Atom Publishing Protocol Implementation">Abdera</a></li>
<li><a href="http://accumulo.apache.org/" title="Sorted, distributed key/value store">Accumulo</a></li>
<li><a href="http://ace.apache.org/" title="Centralized life cycle management and deployment of OSGi based and related modular software artifacts for distribution.">ACE</a></li>
<li><a href="http://activemq.apache.org/" title="Distributed Messaging System">ActiveMQ</a></li>
<li><a href="http://airavata.apache.org/" title="Workflow and Computational Job Management Middleware">Airavata</a></li>
<li><a href="http://allura.apache.org/" title="Forge software for hosting software projects">Allura</a></li>
<li><a href="http://ambari.apache.org/" title="Hadoop cluster management">Ambari</a></li>
<li><a href="http://ant.apache.org/" title="Java-based build tool">Ant</a></li>
<li><a href="http://any23.apache.org/" title="Anything to Triples">Any23</a></li>
<li><a href="http://apr.apache.org/" title="Apache Portable Runtime libraries">APR</a></li>
<li><a href="http://archiva.apache.org/" title="Build Artifact Repository Manager">Archiva</a></li>
<li><a href="http://aries.apache.org/" title="Enterprise OSGi application programming model">Aries</a></li>
<li><a href="http://avro.apache.org/" title="A Serialization System">Avro</a></li>
<li><a href="http://axis.apache.org/" title="Java SOAP Engine">Axis</a></li>
<li><a href="http://bigtop.apache.org/" title="Apache Hadoop ecosystem integration and distribution project">Bigtop</a></li>
<li><a href="http://bloodhound.apache.org/" title="Issue tracking, wiki and repository browser">Bloodhound</a></li>
<li><a href="http://buildr.apache.org/" title="Simple and intuitive build system for Java applications">Buildr</a></li>
<li><a href="http://bval.apache.org/" title="Apache BVal: JSR-303 Bean Validation Implementation and Extensions">BVal</a></li>
<li><a href="http://camel.apache.org/" title="Spring based Integration Framework which implements the Enterprise Integration Patterns">Camel</a></li>
<li><a href="http://cassandra.apache.org/" title="Highly scalable second-generation distributed database">Cassandra</a></li>
<li><a href="http://cayenne.apache.org/" title="User-friendly Java ORM with Tools">Cayenne</a></li>
<li><a href="http://chemistry.apache.org/" title="CMIS (Content Management Interoperability Services) Clients and Servers">Chemistry</a></li>
<li><a href="http://chukwa.apache.org/" title="Open source data collection system for monitoring large distributed
```

systems.">Chukwa</a></li>

<li><a href="http://clerezza.apache.org/" title="Semantically linked data for OSGi">Clerezza</a></li>

<li><a href="http://cloudstack.apache.org/" title="Infrastructure as a Service solution">CloudStack</a></li>

<li><a href="http://cocoon.apache.org/" title="Web development framework: separation of concerns, component-based">Cocoon</a></li>

<li><a href="http://commons.apache.org/" title="Reusable Java components">Commons</a></li>

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<li><a href="http://creadur.apache.org/" title="Comprehension and auditing of software distributions">Creadur</a></li>

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<li><a href="http://directmemory.apache.org/" title="An off-heap cache for the Java Virtual Machine">DirectMemory</a></li>

<li><a href="http://directory.apache.org/" title="Apache Directory Server">Directory</a></li>

<li><a href="http://empire-db.apache.org/" title="Relational Data Persistence">Empire-db</a></li>

<li><a href="http://etch.apache.org/" title="Cross-platform, language- and transport-independent RPC-like messaging framework">Etch</a></li>

<li><a href="http://felix.apache.org/" title="OSGi Framework and components.">Felix</a></li>

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

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

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

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

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



Database">Hive</a></li>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

jobs.">Oozie</a></li>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

<li><a href="http://stanbol.apache.org/" title="Reusable components for semantic content management">Stanbol</a></li>

<li><a href="http://steve.apache.org/" title="Apache's Python based single transferable vote software system">STeVe</a></li>

<li><a href="http://storm.apache.org/" title="Distributed, real-time computation system">Storm</a></li>

<li><a href="http://struts.apache.org/" title="Model 2 framework for building Java web applications">Struts</a></li>

<li><a href="http://subversion.apache.org/" title="Version Control">Subversion</a></li>

<li><a href="http://synapse.apache.org/" title="Enterprise Service Bus and Mediation Framework">Synapse</a></li>

<li><a href="http://syncope.apache.org/" title="Managing digital identities in enterprise environments">Syncope</a></li>

<li><a href="http://tajo.apache.org/" title="Big data warehouse system on Hadoop">Tajo</a></li>

<li><a href="http://tapestry.apache.org/" title="Component-based Java Web Application

- Framework">Tapestry</a></li>
- <li><a href="http://tcl.apache.org/" title="Dynamic websites using TCL">Tcl</a></li>
- <li><a href="http://tez.apache.org/" title="High-performance and scalable distributed data processing framework">Tez</a></li>
- <li><a href="http://thrift.apache.org/" title="Framework for scalable cross-language services development">Thrift</a></li>
- <li><a href="http://tika.apache.org" title="Content Analysis and Detection Toolkit">Tika</a></li>
- <li><a href="http://tiles.apache.org/" title="A templating framework for web application user interfaces">Tiles</a></li>
- <li><a href="http://tomcat.apache.org/" title="A Java Servlet and JSP Container">Tomcat</a></li>
- <li><a href="http://tomee.apache.org/" title="Java EE Web Profile built on Tomcat">TomEE</a></li>
- <li><a href="http://trafficserver.apache.org/" title="A fast, scalable and extensible HTTP/1.1 compliant caching proxy server">Traffic Server</a></li>
- <li><a href="http://turbine.apache.org/" title="A Java Servlet Web Application Framework and associated component library">Turbine</a></li>
- <li><a href="http://tuscany.apache.org/" title="An SCA based Service Composition Framework">Tuscany</a></li>
- <li><a href="http://uima.apache.org/" title="Framework and annotators for unstructured information analysis">UIMA</a></li>
- <li><a href="http://vcl.apache.org/" title="Virtual Computing Lab">VCL</a></li>
- <li><a href="http://velocity.apache.org/" title="A Java Templating Engine">Velocity</a></li>
- <li><a href="http://vxquery.apache.org/" title="A parallel XQuery processor">VXQuery</a></li>
- <li><a href="http://ws.apache.org/" title="Projects related to Web Services">Web Services</a></li>
- <li><a href="http://whirr.apache.org/" title="Libraries for running Cloud Services">Whirr</a></li>
- <li><a href="http://wicket.apache.org/" title="Component-based Java Web Application Framework.">Wicket</a></li>
- <li><a href="http://wink.apache.org/" title="RESTful Web services Framework">Wink</a></li>
- <li><a href="http://wookie.apache.org/" title="Widgets for Applications">Wookie</a></li>
- <li><a href="http://xalan.apache.org/" title="XSLT processors in Java and C++">Xalan</a></li>
- <li><a href="http://xerces.apache.org/" title="XML parsers in Java, C++ and Perl">Xerces</a></li>
- <li><a href="http://xmlbeans.apache.org/" title="XML-Java binding tool">XMLBeans</a></li>
- <li><a href="http://xmlgraphics.apache.org/" title="Conversion from XML to graphical output">XML Graphics</a></li>
- <li><a href="http://zookeeper.apache.org/" title="Centralized service for maintaining configuration information">ZooKeeper</a></li>

</div>

<div class="grid\_3">  
<h4>Foundation</h4>

- <ul>
- <li><a href="/foundation/faq.html">FAQ</a></li>
- <li><a href="/foundation/glossary.html">Glossary</a></li>
- <li><a href="/licenses/" title="Overview of the Apache Licenses">Licenses</a></li>
- <li><a href="/foundation/marks/" title="Apache marks policies and listing">Trademarks</a></li>
- <li><a href="/foundation/news.html" title="Official news feed of Foundation announcements">News</a></li>
- <li><a href="/press/" title="Press, Media, and Analyst contact">Press Inquiries</a></li>
- <li><a href="/foundation/records/" title="Formal corporate records and board meeting minutes">Public Records</a></li>

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<li><a href="/foundation/maillinglists.html" title="Mailing lists and Apache">Mailing Lists</a></li>
<li><a href="/foundation/sponsorship.html" title="Sponsor the Foundation">Sponsorship</a></li>
<li><a href="/foundation/contributing.html" title="Donate to the Foundation">Donations</a></li>
<li><a href="/foundation/buy_stuff.html" title="Buy Apache branded merchandise">Buy Stuff</a></li>
<li><a href="/foundation/thanks.html" title="Thank you to our Sponsors">Thanks</a></li>
<li><a href="/foundation/contact.html" title="Contact Us">Contact</a></li>
</ul>
</div>
<div class="grid_3 suffix_1">
<h4>Foundation Projects</h4>
<ul>
<li><a href="http://attic.apache.org/" title="Inactive projects repository">Attic</a></li>
<li><a href="/foundation/conferences.html" title="Meetings of developers and users">Conferences</a></li>
<li><a href="http://community.apache.org/" title="Helping newcomers to the ASF">Community
Development</a></li>
<li><a href="http://incubator.apache.org/" title="Shepherd for new projects">Incubator</a></li>
<li><a href="/dev/" title="ASF Infrastructure: Operations and howto documents for PMCs and
contributors">Infrastructure</a></li>
<li><a href="http://labs.apache.org/" title="The Innovation Laboratories of the Apache Software
Foundation">Labs</a></li>
<li><a href="/legal/" title="Legal Affairs">Legal Affairs</a></li>
<li><a href="/press/" title="Public Relations">Public Relations</a></li>
<li><a href="/security/" title="Security">Security</a></li>
<li><a href="/travel/" title="Travel Assistance">Travel Assistance</a></li>
</ul>
</div>
<div class="grid_3">
<h4>Community</h4>
<ul>
<li><a href="http://people.apache.org/" title="Apache committer homepages">People</a></li>
<li><a href="/memorials/" title="In memoriam of past committers">Memorials</a></li>
<li><a href="http://feathercast.apache.org/" title="Apache Podcasts">Feathercast</a></li>
<li><a href="http://blogs.apache.org/" title="Apache Project Blogs">Project Blogs</a></li>
<li><a href="http://planet.apache.org/committers/" title="Apache Committers' Blogs">PlanetApache</a></li>
</ul>
</div>
<div class="grid_3">
<h4>How It Works</h4>
<ul>
<li><a href="/foundation/how-it-works.html">Introduction</a></li>
<li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
<li><a href="/foundation/how-it-works.html#structure">Structure</a></li>
<li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
<li><a href="/foundation/how-it-works.html#management">Collaboration</a></li>
<li><a href="/foundation/how-it-works.html#incubator">Incubator</a></li>
<li><a href="/foundation/how-it-works.html#other">Other entities</a></li>

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    <li><a href="/foundation/glossary.html">Glossary</a></li>
    <li><a href="/foundation/voting.html">Voting</a></li>
  </ul>
</div>
</div>
<div class="clear"></div>

</div>
<div id="copyright" class="container_16">
  <p>Copyright &#169; 2012 The Apache Software Foundation, Licensed under the <a
href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.<br/>Apache and the
Apache feather logo are trademarks of The Apache Software Foundation.</p>
  </div>
</body>
</html>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML+RDFa 1.0//EN"
"http://www.w3.org/MarkUp/DTD/xhtml-rdfa-1.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" version="XHTML+RDFa 1.0" dir="ltr">

<head profile="http://www.w3.org/1999/xhtml/vocab">
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <link rel="shortcut icon" href="http://opensource.org/files/garland_favicon.png" type="image/png" />
  <link rel="shortlink" href="/node/66" />
  <link rel="canonical" href="/licenses/MIT" />
  <meta name="Generator" content="Drupal 7 (http://drupal.org)" />
  <title>The MIT License (MIT) | Open Source Initiative</title>
  <link type="text/css" rel="stylesheet" href="http://opensource.org/files/css/css_xE-rWrJf-
fncB6ztZfd2huxqgxu4WO-qwma6Xer30m4.css" media="all" />
  <link type="text/css" rel="stylesheet" href="http://opensource.org/files/css/css_2ATB4XKGEvmoUk_p62PwI-
o2aW47EqqS0nD2dmPZoV4.css" media="all" />
  <link type="text/css" rel="stylesheet" href="http://opensource.org/files/css/css_2wI77kyP-
rJKVpFW5M3KFcj7Cb99lZalmubKIwWwsmU.css" media="all" />
  <link type="text/css" rel="stylesheet"
href="http://opensource.org/files/css/css_k3snrbsthqot7V7ccRZHS9OkCZkwBv4adtNieIVlBEU.css" media="print"
/>

<!--[if lt IE 7]>
<link type="text/css" rel="stylesheet" href="http://opensource.org/themes/garland/fix-ie.css?nfb7pm" media="all"
/>
<![endif]-->
<script type="text/javascript"
src="http://opensource.org/files/js/js_xAPI0qIk9eowy_is9tNkCWXLUVoat94SQT48UBCFkyQ.js"></script>
<script type="text/javascript">
<!--/--><![CDATA[/><!--
jQuery.extend(Drupal.settings,
{"basePath":"\/","pathPrefix":"","ajaxPageState":{"theme":"garland","theme_token":"meUjjBBfr6QFJv5kp0oKi152
l673C3xJMLGIQzbH9g0"},"js":{"misc\/jquery.js":1,"misc\/jquery.once.js":1,"misc\/drupal.js":1},"css":{"modules\/s
ystem\/system.base.css":1,"modules\/system\/system.menus.css":1,"modules\/system\/system.messages.css":1,"mod

```

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ules/system/system.theme.css":1,"modules/aggregator/aggregator.css":1,"modules/comment/comment.css":1,"modules/field/theme/field.css":1,"sites/all/modules/mollom/mollom.css":1,"modules/node/node.css":1,"modules/search/search.css":1,"modules/user/user.css":1,"themes/garland/style.css":1,"themes/garland/print.css":1,"themes/garland/fix-ie.css":1}}});
//--><![]]>
</script>
</head>
<body class="html not-front not-logged-in one-sidebar sidebar-first page-node page-node- page-node-66 node-type-page fluid-width" >
<div id="skip-link">
  <a href="#main-content" class="element-invisible element-focusable">Skip to main content</a>
</div>

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

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

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

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

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

              <div class="content">
                <form action="/licenses/mit-license.php" method="post" id="search-block-form" accept-charset="UTF-8"><div><div class="container-inline">
                  <div class="form-item form-type-textfield form-item-search-block-form">
                    <label class="element-invisible" for="edit-search-block-form--2">Search </label>
                    <input title="Enter the terms you wish to search for." type="text" id="edit-search-block-form--2" name="search_block_form" value="" size="15" maxlength="128" class="form-text" />
                  </div>
                  <div class="form-actions form-wrapper" id="edit-actions"><input type="submit" id="edit-submit" name="op" value="Search" class="form-submit" /></div><input type="hidden" name="form_build_id" value="form-MyBqFtDVdzOmaSnCHKIG9yhm0ofMr7fNMG5Vy76N_uk" />
                    <input type="hidden" name="form_id" value="search_block_form" />
                  </div>
                </div></form> </div>
              </div>
            <div id="block-system-navigation" class="block block-system block-menu clearfix">

```

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

<div class="content">

<ul class="menu"><li class="first collapsed"><a href="/about" title="About the Open Source Initiative">About the OSI</a></li>  
<li class="collapsed"><a href="/osd" title="The actual OSD defining what constitutes an Open Source licence">The Open Source Definition</a></li>  
<li class="collapsed"><a href="/licenses">Open Source Licenses</a></li>  
<li class="leaf"><a href="/working\_groups">Working Groups</a></li>  
<li class="leaf"><a href="/faq" title="Frequently Asked Questions about open source and about the OSI.">FAQ</a></li>  
<li class="collapsed"><a href="/trademark" title="Information about trademark and logo usage">Trademark and Logo Usage</a></li>  
<li class="collapsed"><a href="/osr-intro" title="Open Standards Requirement for Software">Open Standards</a></li>  
<li class="leaf"><a href="/osi-open-source-education" title="OSI's Open Source Education Initiative and Activities">Open Source Education</a></li>  
<li class="collapsed"><a href="/lists" title="The virtual committees where the OSI's work gets done">Mailing lists</a></li>  
<li class="collapsed"><a href="/help" title="Resources for questions and further exploration">Getting Help</a></li>  
<li class="collapsed"><a href="http://opensource.org/donate" title="">Donate to the OSI</a></li>  
<li class="leaf"><a href="/members">OSI Individual Membership</a></li>  
<li class="leaf"><a href="/store">OSI Store</a></li>  
<li class="collapsed"><a href="/affiliates" title="Home page for OSI's membership scheme for non-profits and not-for-profits">OSI Affiliate Membership</a></li>  
<li class="leaf"><a href="/contact" title="">Contact OSI</a></li>  
<li class="leaf"><a href="/ToS" title="Rules for posting content on this site">Terms of Service</a></li>  
<li class="last leaf"><a href="/support">OSI Corporate Support</a></li>

</ul> </div>

</div>

</div>

</div>

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

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

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

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

<h1 class="with-tabs">The MIT License

</div>

<div class="clearfix">

<div class="region region-content">

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

<div class="content">

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

```
<div class="content clearfix">
  
  <div class="field field-name-body field-type-text-with-summary field-label-hidden"><div class="field-
  items"><div class="field-item even"><p>The MIT License (MIT)</p>
  <p>Copyright (c) <year> <copyright holders></p>
  <p>Permission is hereby granted, free of charge, to any person obtaining a copy<br />
  of this software and associated documentation files (the "Software"), to deal<br />
  in the Software without restriction, including without limitation the rights<br />
  to use, copy, modify, merge, publish, distribute, sublicense, and/or sell<br />
  copies of the Software, and to permit persons to whom the Software is<br />
  furnished to do so, subject to the following conditions:</p>
  <p>The above copyright notice and this permission notice shall be included in<br />
  all copies or substantial portions of the Software.</p>
  <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR<br />
  IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,<br />
  FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE<br />
  AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER<br />
  LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,<br />
  OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN<br />
  THE SOFTWARE.</p>
  </div></div></div> </div>
```

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

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

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

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

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

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

```
<div>
```

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



```
lang="en">Follow @OpenSourceOrg</a>
<script>
<!--><![CDATA[// ><!--
!function(d,s,id){var
js,fjs=d.getElementsByTagName(s)[0];if(!d.getElementById(id)){js=d.createElement(s);js.id=id;js.src="//platform.t
witter.com/widgets.js";fjs.parentNode.insertBefore(js,fjs);}(document,"script","twitter-wjs");
//><![>
</script></div>
```

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

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

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

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

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

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

```

--><![ ]>
</script> </div>
</div>
</div>
</div></div></div></div> <!-- /.left-corner, /.right-corner, /#squeeze, /#center -->

</div> <!-- /#container -->
</div> <!-- /#wrapper -->
</body>
</html>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<meta http-equiv="content-type"
content="text/html; charset=ISO-8859-1">
<title>CDDL ver. 1.0</title>
<meta name="author" content="Cliff Allen">
</head>
<body>
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</body>

</html>

<!DOCTYPE html>

<html>

<head>

<title>jsoup License</title>

<meta name="keywords" content="license, open source, mit">

<meta name="description" content="jsoup is licensed under the MIT open source license">

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

<script type="text/javascript">

var \_gaq = \_gaq || [];

\_gaq.push(['\_setAccount', 'UA-89734-10']);

\_gaq.push(['\_setDomainName', 'jsoup.org']);

\_gaq.push(['\_trackPageview']);

(function() {

```

var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async = true;
ga.src = ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') + '.google-analytics.com/ga.js';
var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(ga, s);
})();
</script>
</head>
<body class="n1">
<div class="wrap">
<div class="header">
<div class="nav-sections">
<ul>
<li class="n1-home"><h4><a href="/">jsoup</a></h4></li>
<li class="n1-news"><a href="/news/">News</a></li>
<li class="n1-bugs"><a href="/bugs">Bugs</a></li>
<li class="n1-discussion"><a href="/discussion">Discussion</a></li>
<li class="n1-download"><a href="/download">Download</a></li>
<li class="n1-api"><a href="/apidocs/">API Reference</a></li>
<li class="n1-cookbook"><a href="/cookbook/">Cookbook</a></li>
<li class="n1-try"><a href="http://try.jsoup.org/">Try jsoup</a></li>
</ul>
</div>
</div>
<div class="breadcrumb">
<a href="/">jsoup</a>
<span class="seperator">&raquo;</span> jsoup License
</div>
<div class="content">
<div class="col1">
<h1>jsoup License</h1>
<p>The jsoup code-base (include source and compiled packages) are distributed under the open source MIT
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</div>
<!-- /col1 -->

```

```
<div class="col2">
</div>
<!-- /col2 -->
</div>
<!-- /content-->
<div class="footer">
<b>jsoup HTML parser</b> &copy; 2009 - 2014
<a href="http://jhy.io/" rel="author"><b>Jonathan Hedley</b></a>
</div>
</div>
<!-- /wrap -->
<script src="/rez/prettify.js"></script>
<script>prettyPrint();</script>
</body>
</html>
```

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License: Public Domain

JSR-250 Common Annotations for the Java™ Platform  
(<http://jcp.org/aboutJava/communityprocess/final/jsr250/index.html>) javax.annotation:jsr250-api:jar:1.0  
License: COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0  
<https://glassfish.java.net/public/CDDLv1.0.html> (lib/jsr250-api.license)

CDI APIs (<http://www.seamframework.org/Weld/cdi-api>) javax.enterprise:cdi-api:jar:1.0  
License: Apache License, Version 2.0 <http://www.apache.org/licenses/LICENSE-2.0> (lib/cdi-api.license)

Maven Aether Provider (<http://maven.apache.org/ref/3.2.5/maven-aether-provider>) org.apache.maven:maven-aether-provider:jar:3.2.5  
License: Apache License, Version 2.0 <http://www.apache.org/licenses/LICENSE-2.0.txt> (lib/maven-aether-provider.license)



Maven Artifact (<http://maven.apache.org/ref/3.2.5/maven-artifact>) org.apache.maven:maven-artifact:jar:3.2.5  
License: Apache License, Version 2.0 <http://www.apache.org/licenses/LICENSE-2.0.txt> (lib/maven-artifact.license)

Maven Compat (<http://maven.apache.org/ref/3.2.5/maven-compat>) org.apache.maven:maven-compat:jar:3.2.5  
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Maven Core (<http://maven.apache.org/ref/3.2.5/maven-core>) org.apache.maven:maven-core:jar:3.2.5  
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Maven Embedder (<http://maven.apache.org/ref/3.2.5/maven-embedder>) org.apache.maven:maven-embedder:jar:3.2.5  
License: Apache License, Version 2.0 <http://www.apache.org/licenses/LICENSE-2.0.txt> (lib/maven-embedder.license)

Maven Model (<http://maven.apache.org/ref/3.2.5/maven-model>) org.apache.maven:maven-model:jar:3.2.5  
License: Apache License, Version 2.0 <http://www.apache.org/licenses/LICENSE-2.0.txt> (lib/maven-model.license)

Maven Model Builder (<http://maven.apache.org/ref/3.2.5/maven-model-builder>) org.apache.maven:maven-model-builder:jar:3.2.5  
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Maven Plugin API (<http://maven.apache.org/ref/3.2.5/maven-plugin-api>) org.apache.maven:maven-plugin-api:jar:3.2.5  
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Maven Repository Metadata Model (<http://maven.apache.org/ref/3.2.5/maven-repository-metadata>) org.apache.maven:maven-repository-metadata:jar:3.2.5  
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Maven Settings (<http://maven.apache.org/ref/3.2.5/maven-settings>) org.apache.maven:maven-settings:jar:3.2.5  
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Maven Settings Builder (<http://maven.apache.org/ref/3.2.5/maven-settings-builder>) org.apache.maven:maven-settings-builder:jar:3.2.5  
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Apache Maven Wagon :: Providers :: File Provider (<http://maven.apache.org/wagon/wagon-providers/wagon-file>) org.apache.maven.wagon:wagon-file:jar:2.8  
License: Apache License, Version 2.0 <http://www.apache.org/licenses/LICENSE-2.0.txt> (lib/wagon-file.license)

Apache Maven Wagon :: Providers :: HTTP Provider (<http://maven.apache.org/wagon/wagon-providers/wagon-http>)  
org.apache.maven.wagon:wagon-http:jar:2.8

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Apache Maven Wagon :: Providers :: HTTP Shared Library (<http://maven.apache.org/wagon/wagon-providers/wagon-http-shared>) org.apache.maven.wagon:wagon-http-shared:jar:2.8

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Apache Maven Wagon :: API (<http://maven.apache.org/wagon/wagon-provider-api>)  
org.apache.maven.wagon:wagon-provider-api:jar:2.8

License: Apache License, Version 2.0 <http://www.apache.org/licenses/LICENSE-2.0.txt> (lib/wagon-provider-api.license)

Aether API (<http://www.eclipse.org/aether/aether-api/>) org.eclipse.aether:aether-api:jar:1.0.0.v20140518

License: Eclipse Public License, Version 1.0 <http://www.eclipse.org/legal/epl-v10.html> (lib/aether-api.license)

Aether Connector Basic (<http://www.eclipse.org/aether/aether-connector-basic/>) org.eclipse.aether:aether-connector-basic:jar:1.0.0.v20140518

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Aether Implementation (<http://www.eclipse.org/aether/aether-impl/>) org.eclipse.aether:aether-impl:jar:1.0.0.v20140518

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Aether SPI (<http://www.eclipse.org/aether/aether-spi/>) org.eclipse.aether:aether-spi:jar:1.0.0.v20140518

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Aether Transport Wagon (<http://www.eclipse.org/aether/aether-transport-wagon/>) org.eclipse.aether:aether-transport-wagon:jar:1.0.0.v20140518

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Aether Utilities (<http://www.eclipse.org/aether/aether-util/>) org.eclipse.aether:aether-util:jar:1.0.0.v20140518

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org.eclipse.sisu.inject (<http://www.eclipse.org/sisu/org.eclipse.sisu.inject/>)

org.eclipse.sisu:org.eclipse.sisu.inject:eclipse-plugin:0.3.0.M1

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(lib/org.eclipse.sisu.inject.license)

org.eclipse.sisu.plexus (<http://www.eclipse.org/sisu/org.eclipse.sisu.plexus/>)

org.eclipse.sisu:org.eclipse.sisu.plexus:eclipse-plugin:0.3.0.M1

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jsoup (<http://jsoup.org/>) org.jsoup:jsoup:jar:1.7.2

License: The MIT License <http://jsoup.com/license> (lib/jsoup.license)

SLF4J API Module (<http://www.slf4j.org>) org.slf4j:slf4j-api:jar:1.7.5

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SLF4J Simple Binding (<http://www.slf4j.org>) org.slf4j:slf4j-simple:jar:1.7.5

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Plexus Cipher: encryption/decryption Component (<http://spice.sonatype.org/plexus-cipher>)

org.sonatype.plexus:plexus-cipher:jar:1.7

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Plexus Security Dispatcher Component (<http://spice.sonatype.org/plexus-sec-dispatcher>)

org.sonatype.plexus:plexus-sec-dispatcher:jar:1.3

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Pete Muir <pmuir@bleepbleep.org.uk>  
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Scott M Stark <scott.stark@jboss.org>  
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Steve Ebersole <steve@hibernate.org>  
Stuart Douglas <stuart.w.douglas@gmail.com>  
Stuart Douglas <stuart@stuart-thinkpad.localdomain>  
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/\*\*\*\*\*\*

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## 1.436 wildfly-clustering-common 10.1.0.FINAL

## 1.436.1 Available under license :

```
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~ License along with this software; if not, write to the Free
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~ 02110-1301 USA, or see the FSF site: http://www.fsf.org.
-->

<project xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>

  <parent>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-clustering</artifactId>
    <version>10.1.0.Final</version>
  </parent>

  <artifactId>wildfly-clustering-common</artifactId>
  <packaging>jar</packaging>

  <name>WildFly: Common code for clustering subsystems</name>

  <dependencies>
    <dependency>
      <groupId>org.wildfly</groupId>
      <artifactId>wildfly-clustering-service</artifactId>
    </dependency>
    <dependency>
      <groupId>org.wildfly</groupId>
      <artifactId>wildfly-naming</artifactId>
```

```

</dependency>
<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-subsystem-test</artifactId>
  <type>pom</type>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>org.jboss.logging</groupId>
  <artifactId>jboss-logging-annotations</artifactId>
  <scope>provided</scope>
  <optional>true</optional>
</dependency>
<dependency>
  <groupId>org.jboss.logging</groupId>
  <artifactId>jboss-logging-processor</artifactId>
  <scope>provided</scope>
  <optional>true</optional>
</dependency>
</dependencies>

<build>
  <plugins>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-jar-plugin</artifactId>
      <executions>
        <execution>
          <goals>
            <goal>test-jar</goal>
          </goals>
        </execution>
      </executions>
    </plugin>
  </plugins>
</build>
</project>

```

## 1.437 wildfly-clustering-singleton-api

### 10.1.0.FINAL

#### 1.437.1 Available under license :

```

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 ~ Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA  
 ~ 02110-1301 USA, or see the FSF site: <http://www.fsf.org>.  
 -->

```
<project xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>

  <parent>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-clustering-singleton</artifactId>
    <version>10.1.0.Final</version>
  </parent>

  <artifactId>wildfly-clustering-singleton-api</artifactId>
  <packaging>jar</packaging>

  <name>WildFly: Singleton API</name>

  <dependencies>
    <dependency>
      <groupId>org.wildfly</groupId>
      <artifactId>wildfly-clustering-api</artifactId>
    </dependency>
    <dependency>
      <groupId>org.wildfly</groupId>
      <artifactId>wildfly-clustering-service</artifactId>
    </dependency>
  </dependencies>
</project>
```

# 1.438 wildfly-maven-plugin 1.0.2.FINAL

## 1.438.1 Available under license :

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~ 02110-1301 USA, or see the FSF site: http://www.fsf.org.
-->

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <parent>
    <artifactId>jboss-parent</artifactId>
    <groupId>org.jboss</groupId>
    <version>14</version>
  </parent>
  <groupId>org.wildfly.plugins</groupId>
  <artifactId>wildfly-maven-plugin</artifactId>
  <version>1.0.2.Final</version>
  <packaging>maven-plugin</packaging>
  <name>WildFly Maven Plugin</name>

  <description>A maven plugin that allows various management operations to be executed on WildFly Application
  Server.</description>
  <url>http://www.wildfly.org</url>

  <issueManagement>
    <system>GitHub</system>
    <url>https://github.com/wildfly/wildfly-maven-plugin/issues</url>
```

```

</issueManagement>

<mailingLists>
  <mailingList>
    <name>JBoss User List</name>
    <subscribe>https://lists.jboss.org/mailman/listinfo/jboss-user</subscribe>
    <unsubscribe>https://lists.jboss.org/mailman/listinfo/jboss-user</unsubscribe>
    <archive>http://lists.jboss.org/pipermail/jboss-user/</archive>
  </mailingList>
  <mailingList>
    <name>WildFly Developer List</name>
    <subscribe>https://lists.jboss.org/mailman/listinfo/wildfly-dev</subscribe>
    <unsubscribe>https://lists.jboss.org/mailman/listinfo/wildfly-dev</unsubscribe>
    <archive>http://lists.jboss.org/pipermail/wildfly-dev/</archive>
  </mailingList>
</mailingLists>

<scm>
  <connection>scm:git://github.com/wildfly/wildfly-maven-plugin.git</connection>
  <developerConnection>scm:git:git@github.com:wildfly/wildfly-maven-plugin.git</developerConnection>
  <url>http://github.com/wildfly/wildfly-maven-plugin</url>
</scm>

<licenses>
  <license>
    <name>lgpl</name>
    <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>

<properties>
  <!-- WildFly/JBoss dependencies -->
  <version.org.wildfly>8.1.0.Final</version.org.wildfly>
  <version.org.wildfly.dist>${version.org.wildfly}</version.org.wildfly.dist>
  <version.org.jboss.arquillian>1.0.3.Final</version.org.jboss.arquillian>

  <!-- maven dependencies -->
  <version.org.apache.maven.maven-plugin>2.2.1</version.org.apache.maven.maven-plugin>
  <version.org.apache.maven.maven-core>3.0.5</version.org.apache.maven.maven-core>
  <version.org.apache.maven.plugin-testing.maven-plugin-testing-harness>2.1
</version.org.apache.maven.plugin-testing.maven-plugin-testing-harness>
  <version.org.apache.maven.plugin-tools>3.2</version.org.apache.maven.plugin-tools>
  <version.org.codehaus.plexus.plexus-utils>3.0.10</version.org.codehaus.plexus.plexus-utils>
  <version.org.eclipse.aether>0.9.0.M4</version.org.eclipse.aether>
  <version.org.jboss.jdf.stacks-client>1.0.2.Final</version.org.jboss.jdf.stacks-client>
  <version.org.sonatype.aether>1.13.1</version.org.sonatype.aether>

```

```

<!-- other dependencies -->
<version.junit.junit>4.11</version.junit.junit>
<version.org.apache.commons.compress>1.5</version.org.apache.commons.compress>
<version.org.mockito.mockito-all>1.9.0</version.org.mockito.mockito-all>

<jboss.home>${project.build.directory}${file.separator}wildfly-${version.org.wildfly.dist}</jboss.home>

<!-- plugin versions -->
<version.dependency.plugin>2.8</version.dependency.plugin>
<version.enforcer.plugin>1.3</version.enforcer.plugin>
<version.plugin.plugin>3.2</version.plugin.plugin>
<version.site.plugin>3.3</version.site.plugin>
<version.org.codehaus.plexus.plexus-component-metadata>1.5.5
</version.org.codehaus.plexus.plexus-component-metadata>

<!-- checkstyle configuration -->
<linkXRef>false</linkXRef>

<!-- documentation properties -->
<appServerName>WildFly</appServerName>
<pluginPrefix>wildfly</pluginPrefix>
</properties>

<build>
  <plugins>
    <plugin>
      <artifactId>maven-site-plugin</artifactId>
      <configuration>
        <relativizeDecorationLinks>false</relativizeDecorationLinks>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-plugin-plugin</artifactId>
      <configuration>
        <skipErrorNoDescriptorsFound>>true</skipErrorNoDescriptorsFound>
      </configuration>
      <executions>
        <execution>
          <id>mojo-descriptor</id>
          <goals>
            <goal>descriptor</goal>
          </goals>
        </execution>
        <execution>
          <id>help-goal</id>
          <goals>

```

```

    <goal>helpmojo</goal>
  </goals>
</configuration>
  <helpPackageName>org.wildfly.plugin.generated</helpPackageName>
</configuration>
</execution>
</executions>
</plugin>

```

```

<plugin>
  <artifactId>maven-dependency-plugin</artifactId>
  <executions>
    <execution>
      <id>unpack-wildfly</id>
      <phase>generate-test-resources</phase>
      <goals>
        <goal>unpack</goal>
      </goals>
      <configuration>
        <artifactItems>
          <artifactItem>
            <groupId>org.wildfly</groupId>
            <artifactId>wildfly-dist</artifactId>
            <version>${version.org.wildfly.dist}</version>
            <type>zip</type>
            <!-- overwrite to clean any previous deployments -->
            <overwrite>true</overwrite>
            <outputDirectory>${project.build.directory}</outputDirectory>
          </artifactItem>
        </artifactItems>
      </configuration>
    </execution>
  </executions>
</plugin>

```

```

<plugin>
  <artifactId>maven-checkstyle-plugin</artifactId>
  <configuration>
    <configLocation>checkstyle.xml</configLocation>
    <consoleOutput>true</consoleOutput>
    <failsOnError>true</failsOnError>
    <useFile/>
  </configuration>
  <executions>
    <execution>
      <id>check-style</id>
      <phase>compile</phase>
      <goals>

```

```

        <goal>checkstyle</goal>
    </goals>
</execution>
</executions>
</plugin>

<plugin>
  <artifactId>maven-surefire-plugin</artifactId>
  <configuration>
    <redirectTestOutputToFile>true</redirectTestOutputToFile>
    <systemPropertyVariables>
      <java.util.logging.manager>org.jboss.logmanager.LogManager</java.util.logging.manager>
      <jboss.home>${jboss.home}</jboss.home>
      <wildfly.test.config.dir>
        ${project.build.testOutputDirectory}${file.separator}unit${file.separator}common
      </wildfly.test.config.dir>
    </systemPropertyVariables>
  </configuration>
</plugin>
<plugin>
  <groupId>org.codehaus.plexus</groupId>
  <artifactId>plexus-component-metadata</artifactId>
  <version>${version.org.codehaus.plexus.plexus-component-metadata}</version>
  <executions>
    <execution>
      <goals>
        <goal>generate-metadata</goal>
      </goals>
    </execution>
  </executions>
</plugin>
</plugins>
</build>

<reporting>
  <plugins>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-plugin-plugin</artifactId>
      <version>${version.plugin.plugin}</version>
    </plugin>
  </plugins>
</reporting>

<dependencies>

  <dependency>
    <groupId>org.apache.commons</groupId>

```

```

    <artifactId>commons-compress</artifactId>
    <version>${version.org.apache.commons.compress}</version>
</dependency>
<dependency>
    <groupId>org.apache.maven</groupId>
    <artifactId>maven-core</artifactId>
    <version>${version.org.apache.maven.maven-core}</version>
</dependency>
<dependency>
    <groupId>org.apache.maven</groupId>
    <artifactId>maven-plugin-api</artifactId>
    <version>${version.org.apache.maven.maven-core}</version>
</dependency>
<!-- dependencies to annotations -->
<dependency>
    <groupId>org.apache.maven.plugin-tools</groupId>
    <artifactId>maven-plugin-annotations</artifactId>
    <version>${version.org.apache.maven.plugin-tools}</version>
</dependency>
<!-- generated help mojo has a dependency to plexus-utils -->
<dependency>
    <groupId>org.codehaus.plexus</groupId>
    <artifactId>plexus-utils</artifactId>
    <version>${version.org.codehaus.plexus.plexus-utils}</version>
</dependency>
<dependency>
    <groupId>org.eclipse.aether</groupId>
    <artifactId>aether-api</artifactId>
    <version>${version.org.eclipse.aether}</version>
    <scope>provided</scope>
    <!-- Used in maven 3.1.x -->
    <optional>true</optional>
</dependency>
<dependency>
    <groupId>org.jboss.jdf</groupId>
    <artifactId>stacks-client</artifactId>
    <version>${version.org.jboss.jdf.stacks-client}</version>
</dependency>
<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-cli</artifactId>
    <version>${version.org.wildfly}</version>
    <exclusions>
        <exclusion>
            <groupId>org.jboss.logging</groupId>
            <artifactId>jboss-logging-processor</artifactId>
        </exclusion>
    </exclusion>

```

```

        <groupId>org.jboss.logmanager</groupId>
        <artifactId>jboss-logmanager</artifactId>
    </exclusion>
</exclusions>
</dependency>
<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-controller-client</artifactId>
    <version>${version.org.wildfly}</version>
</dependency>
<!-- Seems to be needed as the controller client is transitively bringing it in -->
<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-protocol</artifactId>
    <version>${version.org.wildfly}</version>
</dependency>

<dependency>
    <groupId>org.sonatype.aether</groupId>
    <artifactId>aether-api</artifactId>
    <version>${version.org.sonatype.aether}</version>
    <scope>provided</scope>
    <!-- Used in maven 3.0.x -->
    <optional>true</optional>
</dependency>
<dependency>
    <groupId>org.sonatype.aether</groupId>
    <artifactId>aether-util</artifactId>
    <version>${version.org.sonatype.aether}</version>
    <scope>provided</scope>
    <!-- Used in maven 3.0.x -->
    <optional>true</optional>
</dependency>

<!-- Test dependencies -->
<dependency>
    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <version>${version.junit.junit}</version>
    <scope>test</scope>
</dependency>
<dependency>
    <groupId>org.apache.maven</groupId>
    <artifactId>maven-compat</artifactId>
    <version>${version.org.apache.maven.maven-core}</version>
    <scope>test</scope>
</dependency>
<dependency>

```



```

    <groupId>org.apache.maven</groupId>
    <artifactId>maven-settings-builder</artifactId>
    <version>${version.org.apache.maven.maven-core}</version>
    <scope>test</scope>
</dependency>
<dependency>
    <groupId>org.apache.maven.plugin-testing</groupId>
    <artifactId>maven-plugin-testing-harness</artifactId>
    <version>${version.org.apache.maven.plugin-testing.maven-plugin-testing-harness}</version>
    <scope>test</scope>
</dependency>
<dependency>
    <groupId>org.jboss.arquillian.junit</groupId>
    <artifactId>arquillian-junit-container</artifactId>
    <version>${version.org.jboss.arquillian}</version>
    <scope>test</scope>
</dependency>
<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-arquillian-container-managed</artifactId>
    <version>${version.org.wildfly}</version>
    <scope>test</scope>
</dependency>
<dependency>
    <groupId>org.mockito</groupId>
    <artifactId>mockito-all</artifactId>
    <version>${version.org.mockito.mockito-all}</version>
    <scope>test</scope>
</dependency>

</dependencies>
</project>

```

# 1.439 xz 5.1.3alpha

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Version 2, June 1991

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## 1.440 yajl 2.0.3

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include/winstdint.h is included only for Windows Client support, as follows:

```
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// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
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//////////////////////////////////////////////////////////////////
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