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1.409 u-boot 1.0.2

1.1 zlib 1.1.4

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Jean-loup Gailly Mark Adler
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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files ftp://ds.internic.net/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

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1.2 xerces-c 2.7.0

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1.3 xalan 2.6.0

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1.5 pcre 7.8

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Written by: Philip Hazel

Email local part: ph10

Email domain: cam.ac.uk

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1.6 uclibc 0.9.30

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* Adapted for FreeBSD-4.0 by Mark R V Murray

* this file should now *only* export crypt_des(), in order to make

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*

* This is an original implementation of the DES and the crypt(3) interfaces

* by David Burren <davidb@werj.com.au>.

*
* An excellent reference on the underlying algorithm (and related
* algorithms) is:
*
* B. Schneier, Applied Cryptography: protocols, algorithms,
* and source code in C, John Wiley & Sons, 1994.
*
* Note that in that book's description of DES the lookups for the initial,
* pbox, and final permutations are inverted (this has been brought to the
* attention of the author). A list of errata for this book has been
* posted to the sci.crypt newsgroup by the author and is available for FTP.
*
* ARCHITECTURE ASSUMPTIONS:
* It is assumed that the 8-byte arrays passed by reference can be
* addressed as arrays of u_int32_t's (ie. the CPU is not picky about
* alignment).
*/
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1.7 glibc 2.12.2

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Ty Coon, President of Vice

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1.8 ncurses 5.7

1.8.1 Available under license :

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```

1.9 libjpeg 6b

1.9.1 Notifications :

This software is based in part on the work of the Independent JPEG Group.

1.9.2 Available under license :

The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998

=====

This distribution contains the sixth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

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

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

IJG is not affiliated with the official ISO JPEG standards committee.

DOCUMENTATION

ROADMAP

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This file contains the following sections:

- OVERVIEW General description of JPEG and the IJG software.
- LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
- REFERENCES Where to learn more about JPEG.
- ARCHIVE LOCATIONS Where to find newer versions of this software.
- RELATED SOFTWARE Other stuff you should get.
- FILE FORMAT WARS Software *not* to get.
- TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

- install.doc How to configure and install the IJG software.

usage.doc Usage instructions for cjpeg, djpeg, jpegtran,
 rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.doc).
wizard.doc Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.
Programmer and internal
documentation:
libjpeg.doc How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.doc Overview of the JPEG library's internal structure.
filelist.doc Road map of IJG files.
coderrules.doc Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

=====

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images.

JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to

perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic

coding cannot

legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that

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REFERENCES

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We

highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at <ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more

leisurely introduction to JPEG can be found in

"The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look

at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The

JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at <ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz>. There is also a plain text version at <ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems.

IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from <ftp.sgi.com> or from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from <ftp://ftp.sgi.com/graphics/tiff/>.

ARCHIVE LOCATIONS

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The "official" archive site for this software is <ftp.uu.net> (Internet address 192.48.96.9). The most recent released version can always be found there in directory [graphics/jpeg](ftp://ftp.uu.net/graphics/jpeg/). This particular version will be archived as <ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz>. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only <ftp.uu.net> is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (<ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/>), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the <ftp.uu.net> release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups [comp.graphics.misc](news:comp.graphics.misc), [news.answers](news:news.answers), and other groups. It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other [news.answers](news:news.answers) archive sites, including the official [news.answers](news:news.answers) archive at [rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/](ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/). If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body
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send [usenet/news.answers/jpeg-faq/part2](news:usenet/news.answers/jpeg-faq/part2)

RELATED SOFTWARE

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Numerous viewing and image manipulation programs now support JPEG. (Quite a

few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites,

notably <ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/>.

Unfortunately PBPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from <ftp://havefun.stanford.edu/pub/jpeg/>. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS

=====

Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read.

(For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether

SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO

=====

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

1.10 libpng 1.2.44

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Theodore Ts'o
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1.13 commons-http-client 3.0.1

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/*

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

* \$Revision: 291181 \$

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

*

* =====

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*

*/

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

```
import java.io.FilterInputStream;
```

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

```
import java.io.InputStream;
```

```
/**
```

```
 * Closes an underlying stream as soon as the end of the stream is reached, and
```

```
 * notifies a client when it has done so.
```

```
 *
```

```
 * @author Ortwin Glueck
```

```
 * @author Eric Johnson
```

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

```
 *
```

```
 * @since 2.0
```

```
 */
```

```
class AutoCloseInputStream extends FilterInputStream {
```

```
    /**
```

```
     * True if this stream is open. Assume that the underlying stream
```

```
     * is open until we get an EOF indication.
```

```
     */
```

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

```
    /** True if the
```

```
    stream closed itself. */
```

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

```
    /**
```

```
     * The watcher is notified when the contents of the stream have
```

```
     * been exhausted
```

```
     */
```

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

```
    /**
```

```
     * Create a new auto closing stream for the provided connection
```

```
     *
```

```
     * @param in the input stream to read from
```

```
     * @param watcher To be notified when the contents of the stream have been
```

```
     * consumed.
```

```
     */
```

```
    public AutoCloseInputStream(
```

```
        final InputStream in, final ResponseConsumedWatcher watcher) {
```

```

    super(in);
    this.watcher = watcher;
}

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

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

    return l;
}

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

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

    return l;
}

/**
 * Reads some number of bytes from the input stream and stores them into the
 * buffer array b.
 *
 * @param b a <code>byte</code> array to read data into

```

```

* @return the number of bytes read or -1 for EOF
* @throws IOException if
there are errors reading
*/
public int read(byte[] b) throws IOException {
    int l = -1;

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

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

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

/**
* See whether a read of the underlying stream
should be allowed, and if
* not, check to see whether our stream has already been closed!
*
* @return <code>true</code> if it is still OK to read from the stream.
* @throws IOException If an IO problem occurs.
*/
private boolean isReadAllowed() throws IOException {
    if (!streamOpen && selfClosed) {

```



```

        throw new IOException("Attempted read on closed stream.");
    }
    return streamOpen;
}

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

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

```

1.14 glibc 2.13

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For

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1.15 iptables 1.3.7

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1.16 e2fsprogs 1.41.14

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Theodore Ts'o
23-June-2007

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 * $Name: kazlib_1_20 $
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 *
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1.18 xinetd 2.3.15

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Sensor Addition

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So, if you want, you may use any 2.N.* (N >= 3) version string for future xinetd versions that you release. Note that I am excluding the 2.2.* line; using

that would only create confusion. Naming the next release 2.3.0 would put to rest the confusion about 2.2.1 and 2.1.8.*.

1.19 qt 4.8.5

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78677__joe93barlow__strike2.wav

47251__nthompson__rocket.wav

3378__patchen__Rhino_03.wav

3258__Jovica__Dronetail_02.wav

30351__Matt_G__Space_Fighter_Pass.wav

32954__HardPCM__Chip054.wav

32985__HardPCM__Alarm001.wav

33245__ljudman__grenade.wav

78678__joe93barlow__swing0.wav

80401__steveygos93__Explosion2.wav

109438__klankbeeld__intro_brass_01.wav

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.5, April 19th, 2010

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

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/* *                                               */
/* * **** */
/* *                                               */
/* * Parts of this software have been adapted from the libpng package. */
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/* * and/or the "little-cms" library by Marti Maria (depending on the */

```

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/* * inclusion of support for JNG and Full-Color-Management respectively. * */
/* *
    * */
/* * This library's function is primarily to read and display MNG * */
/* * animations. It is not meant as a full-featured image-editing * */
/* * component! It does however offer creation and editing functionality * */
/* * at the chunk level. * */
/* * (future modifications may include some more support for creation * */
/* * and or editing) * */
/* * * */
/* ***** */

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This is JavaScriptCore's variant of the PCRE library. While this library started out as a copy of PCRE, many of the features of PCRE have been removed.

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March 29, 2012

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Version 3, 29 June 2007

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1.22 qjson 0.8.1

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1.23 udev 172

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1.24 zlib 1.2.8

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```
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017
```

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jloup@gzip.org madler@alumni.caltech.edu

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

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1.25 commons-collections 4.0

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1.26 omx 1.1.2

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* -----  
*/  
/**  
src/extension_struct.h
```

This file will include all the extension structures defined in Bellagio and not present in the OpenMAX spec. These structure will be used with the function getExtensionIndex defined in the standard.

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1.27 ncurses 5.9

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1.28 commons-fileupload 1.2.2

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1.29 glibc 2.21

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

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```

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source directory containing this
```

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

1.30 headline 5.2

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```

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```
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1.31 cppformat 2.0.0

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A. HISTORY OF THE SOFTWARE

=====

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

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

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

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

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes

1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
3.2.1	3.2	2011		
PSF	yes			
3.2.2	3.2.1	2011	PSF	yes
3.2.3	3.2.2	2012	PSF	yes
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1.32 sqlite 3.10.2

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1.34 libdbus++ 0.9.0

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Any executables

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1.35 libdbus-java 0.4

1.36 boost 1.63.0

1.36.1 Available under license :

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

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

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

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

```
xmlns:xi="http://www.w3.org/2001/XInclude">
<title>Copyright Test</title>
<articleinfo>
  <copyright>
    <year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder>
  </copyright>
  <copyright>
    <year>2018</year> <holder>Joe Blow, John Coe</holder>
  </copyright>
  <copyright>
    <year>1977</year> <year>1985</year> <holder>Someone else</holder>
  </copyright>
</articleinfo>
</article>
Copyright 2013-2016 Louis Dionne
```

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

HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser.

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Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.

Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agg@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

1.37 cjose 0.4.1

1.37.1 Available under license :

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1.38 bouncy-castle 1.56

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The following organisations and people have contributed to the Bouncy Castle Cryptography Package.

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Thanks, may your castles never deflate!

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- extensive provider exception handling compliance testing.
Florin Kollan <adlocflo@web.de> - fix to ElGamalKeyParameters equality testing.
Pavel Vassiliev <paulvas@gmail.com> - Initial GOST28147Mac implementation.
Tom Pesman <tom@tlinux.net> - addition of DES-EDE encryption for RSAPrivate keys to PEMWriter.
Lukasz Kowalczyk <lukasz.b.kowalczyk@gmail.com> - patch to fix parsing issue with OpenSSL PEM based certificate requests.
Arndt Hasch <Arndt.Hasch@maxence.de> - additional fix for partial reading with new style PGP packets.
Fix Bernd (KCDP 11) <bernd.fix@credit-suisse.com> - fix for 31 byte issue and exception throwing by Whirlpool.
David M. Lee <dmllee@Crossroads.com> - code for add and remove secret key in the PGPSecretKeyRing class. Additions to S/MIME and CMS unit tests.
Mike Dillon <md5@embody.org> - additional checks for PGP secret and public key construction, patches to copyWithNewPassword.
tu-vi cung <t2cung@hotmail.com> - patch for out of bounds problem in getDecoderStream method.
Chris Schultz <cschultz@gmail.com> - fix for InputStream constructor for X509V2AttributeCertificate.
David M. Lee <dmllee@Crossroads.com> - implementation assistance with streaming CMS classes.
Joel Rees <rees@ddcom.co.jp> - fix to correct getOID methods from returning same set on X.509 attribute certificates.
Francesc Sau <francesc.sau@partners.netfocus.es> - micro fix for tsp Accuracy class.
Larry Bugbee <bugbee@mac.com> - initial ECNR implementation.
Remi Blancher <Remi.Blancher@keynectis.com> - Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.
Brian O'Rourke <brianorourke@gmail.com> - patch for signature creation time override in OpenPGP.
Andreas Schwier <andreas.schwier@cardcontact.de>
- initial implementation of ISO9797 MAC Algorithm 3, addition of DES-EDE 64 MAC to the provider, fix to EC point encoding, addition of EC and RSA-PSS OIDs to CMS, addition of AES-CMAC and DESede-CMAC to JCE provider.
David Josse <david.josse@transacttools.net> - Patch for trailer function in version 2 signature packets.
Kishimoto Kazuhiko <kazu-k@hi-ho.ne.jp> - RFC 3280 updates to policy processing in the CertPath validator. Additional test data not covered by NIST.
Lawrence Tan <lwrnctan@gmail.com> - Large field OID sample test data. Missing key types in JDKKeyFactory.
Carlos Valiente <superdupont@gmail.com> - Addition of CRL writing to the PEMWriter class.

- Keyon AG, Martin Christinat, http://www.keyon.ch - fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.
- Olaf Keller, <olaf.keller.bc@bluewin.ch> - initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.
- Jörg Eichhorn <eichhorn@ponton-consulting.de> - patch to fix EOF read on SharedFileInputStream, support for F2m compression.
- Karsten Ohme <widerstand@t-online.de> - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Additional curve type support for Fp, contributions to F2m compression. F2m decoding for ECPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name typos for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings. Support for surrogate pairs in DERUTF8String, DER UTF8 test. Additional X.509 name attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser infrastructure and design. CertPath support for implicit DSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.
- Carlos Lozano Ruiz <carlos@tradise.com> - patch for <ctrl><m> only handling in CRLFOutputStream.
- John Alfred Prufrock <j.a.prufrock@gmail.com> - mods to GOST-3411 and MD2 to support ExtendedDigest.
- Stefan Neusatz Guillen <sneusatz@gmail.com> - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.
- Marzio Lo Giudice <marzio.logiudice@gmail.com> - fix to endianness in KDF2BytesGenerator, additional KDF2 tests.
- Georg Lippold <georg.lippold@gmx.de> - initial implementation of NaccacheStern cipher.
- Chris Viles <chris_viles@yahoo.com> - fix to SignatureSubpacket critical bit setting.
- Pasi Eronen <Pasi.Eronen@nokia.com> - extra toString() support for ASN.1 library. Initial patch for large OID components.
- Lijun Liao <lijun.liao@rub.de> - performance enhancements for SHA family of digests. Bug report and patch for blank line handling in ArmoredInputStream.
- Maria Ivanova <maria.ivanova@gmail.com> - support for tags > 30 in ASN.1 parsing.
- Armin Häberling <arminha@student.ethz.ch> - first cut of internationalisation, initial PKIX validation classes.
- Marius Schilder <mschilder@google.com> - main set of test vectors for Bleichenbacher's forgery attack.
- Xavier Le Vourch <xavier@brittanyssoftware.com> - general code clean ups.
- Erik Tews <e_tews@cdc.informatik.tu-darmstadt.de> - initial threaded random seed generator, constant-time PKCS#1.5 decoding
- Thomas Dixon <reikomusha@gmail.com> - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.
- Frank Cornelis <info@frankcornelis.be>- addition of crlAccessMethod in X509ObjectIdentifiers.
- Rui Joaquim <rjoaquim@cc.isel.ipl.pt> - initial implementation of RSA blinding for signatures.

- David Stacey <DStacey@allantgroup.com> - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.
- Martijn Brinkers <list@mitm.nl> - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.
- Julius Davies <juliusdavies@gmail.com> - additional modes and algorithm support in PEMReader
- Matthias <g@rtner.de> - GnuPG compatibility changes for PBEFileProcessor.
- Olga Käthler <olga.kaethler@hjp-consulting.com> - initial implementation of TeleTrust EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.
- Germano Rizzo <germano.rizzo@gmail.com> - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.
- Núria Marí <numaa@hotmail.com> - patch for alternate data type recognition in CMSSignedDataParser.
- Janis Schuller <js@tzi.de> - addition of NotationData packets for OpenPGP.
- Michael Samblanet <mike@samblanet.com> - patches towards improved Sun/default provider support in CMS.
- Mike StJohns <mstjohns@comcast.net> - patches for supporting empty subject in X.509 certificate generation, noneWithECDSA.
- Ramon Keller <ramon.keller@gmx.ch> - patch to deal with null revocations return from other CRL in X509V2CRLGenerator.
- Mark Nelson <mark@nbr.com> - correction to excluded DN in name constraints processing for PKIX processing.
- Eugene Golushkov <eugene_gff@ukr.net> - mask fix to single byte read in TlsInputStream.
- Julien Pasquier <julienpasquier@free.fr> - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.
- Peter Knopp <pknopp@mtg.de> - fix for named curve recognition in ECGOST key generation.
- Jakub Gwozdz <gwozdziu@rpg.pl> - addition of getTsa() to TimeStampTokenInfo.
- Bartosz Malkowski <bmalkow@tigase.org> - initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac.
- Tal Yacobi <tal.yacobi@octavian-tech.com> - fix for issue in OpenPGP examples [#BJA-55].
- Massimiliano Ziccardi <massimiliano.ziccardi@gmail.com> - support for counter signature reading in CMS API, update for multiple counter signature attributes.
- Andrey Pavlenko <andrey.a.pavlenko@gmail.com> - security manager patch for PKCS1Encoding property check.
- Mike StJohns <mstjohns@comcast.net> - updates to KeyPurposeId
- J Ross Nicoll <jrn@jrn.me.uk> - improved exception handling for getInstance() in ASN.1 library.
- Matthew Stevenson <mavricknz@yahoo.com> - patch to constructor for CRMF CertSequence.
- Gabriele Contini <gcontini@hotpop.com> - identified a bug in ASN.1 library with handling of unterminated NDEF's.
- Roelof Naude <roelof.naude@epiuse.com> - patch for TLS client to send empty client certs in response to HP_CERTIFICATE_REQUEST.
- Patrick Peck <peck@signaturen.at> - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.
- Michael LeMay <lemaymd@lemaymd.com> - identified problem with EAX [#BJA-93].
- Alex Dupre <ale@FreeBSD.org> - fix to use of Signature rather than SignatureSpi in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificationRequest [#BJA-102]
- Michael Schoene <michael@sigrid-und-michael.de> - fix of improper handling of null in

ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().
Ion Larrañaga <ilarra@21sec.com> fix to default partial packet generation in BCPGOutputStream.
Bob Kerns <bob.kerns@positscience.com> fix to hashCode for X509CertificateObject.
Stefan Meyer <stefan.meyer@ewe.de> backport for PKIXCertPathValidator and SMIMESignedMailReviewer.
Robert J. Moore <Robert.J.Moore@allanbank.com> speedups for OpenPGPCFB mode, clean room JCE patches.
Rui Hodai <rui@po.ntts.co.jp> speed ups for Camellia implementation, CamelliaLightEngine.
Emir Bucalovic <emir.bucalovic@mail.com> initial implementation of Grain-v1 and Grain-128.
Torbjorn Svensson <tobbe79@gmail.com> initial implementation of Grain-v1 and Grain-128.
Paul FitzPatrick <bouncycastle_pfitz@fitzpatrick.cc> error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.
Henrik Andersson <k.henrik.andersson@gmail.com> addition of UniqueIssuerID to certificate generation.
Cagdas Cirit <cagdasirit@gmail.com> subjectAlternativeName fix for x509CertStoreSelector.
Harakiri <harakiri_23@yahoo.com> datahandler patch for attached parts in SMIME signatures.
Pedro Henriques <pmahenriques@gmail.com> explicit bounds checking for DESKeyGenerator, code simplification for OAEP encoding.
Lothar Kimminger <job@kimminger.de> verbose mode for ASN1Dump, support for DERExternal.
Richard Farr <rfarr.se@gmail.com> initial SRP-6a implementation.
Thomas Castiglione <castiglione@au.ibm.com> patch to encoding for CRMF OptionalValidity.
Elisabetta Romani <eromani@sogei.it> patch for recognising multiple counter signatures.
Robin Lundgren <r737lundgren@gmail.com> CMPCertificate constructor from X509CertificateStructure fix.
Petr Kadlec <mormegil@centrum.cz> fix to sign extension key and IV problem in HC-128, HC-256.
Andreas Antener <antener_a@gmx.ch> fix to buffer reset in AsymmetricBufferedBlockCipher.
Harendra Rawat <hsrawat@yahoo.com> fix for BERConstructedOctetString.
Rolf Lindemann <lindemann@trustcenter.de> patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].
Alex Artamonov <alexart.home@gmail.com> name look up patch for GOST-2001 parameters.
Mike Lyons <mlyons@layer7tech.com> work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.
Chris Cole <chris_h_cole@yahoo.com> identified a problem handling null passwords when loading a BKS keystore.
Tomas Krivanek <tom@atack.cz> added checking of Sender header to SignedMailValidator.
Michael <emfau@t-online.de> correction of field error in getResponse method in CertRepMessage.
Trevor Perrin <trevor@cryptography.com> addition of constant time equals to avoid possible timing attacks.
Markus Kilring's <markus@primekey.se> several enhancements to TimeStampResponseGenerator.
Dario Novakovic <darionis@yahoo.com> fix for NPE when checking revocation reason on CRL without extensions.
Michael Smith <msmith@cbnco.com> bug fixes and enhancements to the CMP and CRMF classes, initial

Master List classes.

Andrea Zilio <andrea.zilio@gmail.com> fix for PEM password encryption of private keys.

Alex Birkett <alex@birkett.co.uk> added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].

Wayne Grant <waynedgrant@gmail.com> additional OIDs for PKCS10 and certificate generation support.

Frank Cornelis <info@frankcornelis.be>

additional support classes for CAdES, enhancements to OCSP classes.

Jan Dittberner <jan@dittberner.info> addHeader patch for SMIME generator.

Bob McGowan <boab.mcgoo@btinternet.com> patch to support different content and mgf digests in PSS signing.

Ivo Matheis <i.matheis@seeburger.de> fix to padding verification in ISO-9796-1.

Marco Sandrini <nessche@gmail.com> patch to add IV to ISO9797Alg3Mac.

Alf Malf <alfmalf@hotmail.com> removal of unnecessary limit in CMSContentInfoParser.

Alfonso Massa <alfonso.massa@insiel.it> contributions to CMS time stamp classes.

Giacomo Boccoardo <gboccoardo@unimaticaspa.it> initial work on CMSTimeStampedDataParser.

Arnis Tartu <arnis@ut.ee> patches for dealing with OIDs with specific key sizes associated in CMS.

Janusz Sikociski <J.Sikocinski@gdzie.pl> addition of Features subpacket support to OpenPGP API.

Juri

Hudolejev <jhudolejev@gmail.com> JavaDoc fix to CMSSignedDataParser.

Liane Velten <liane.velten@hjp-consulting.com> fine tuning of code for DHPParameters validation.

Shawn Willden <swillden@google.com> additional functionality to PGPKKeyRing.

Atanas Krachev <akrachev@gmail.com> added support for revocation signatures in OpenPGP.

Mickael Laiking <mickael.laiking@keynectis.com> initial cut of EAC classes.

Tim Buktu <tbuktu@hotmail.com> Initial implementation of NTRU signing and encryption.

Bernd <rbernd@gmail.com> Fix for open of PGP literal data stream with UTF-8 naming.

Steing Inge Morisbak <stein.inge.morisbak@BEKK.no> Test code for lower case Hex data in PEM headers.

Andreas Schmid <andreas.schmid@tngtech.com> Additional expiry time check in PGPPublicKeys.

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

Ignat

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

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

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

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

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

Eleriseth <Eleriseth@WPECLtYbVi8Rl6Y7VzL2Lvd2EUVW99v3yNV3IWROG8.fms> speed up for SIC/CTR mode. Provider compatibilty generalisations for EC operations.

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

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

MAC based KDF functions.
Philip Clay <pilf_b@yahoo.com> Initial implementation of J-PAKE.
Brian Carlstrom <bdc@carlstrom.com> compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, initial provider PBKDF2WithHmacSHA1 SecretKeyFactory.
Samuel Lidén Borell <samuel@primekey.se> patch to add DSTU-4145 to DefaultSignatureAlgorithmFinder
Sergio Demian Lerner <sergiolerner@certimix.com> pointing out isInfinity issue in ECDSASigner signature verification.
Tim Whittington <Tim.Whittington@orionhealth.com> patch to remove extra init call in CMac, additional of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Noekeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInput/OutputStream implementations for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDBCrypt, PGP API documentation and code quality work.
Marcus Lundblad <marcus.lundblad@primekey.se> patch for working around JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.
Andrey Zhozhin <zhozhin@xrm.ru> patch for override of TSP SignerInfo attributes.
Sergey Tiunov <t5555d@gmail.com> initial cut of DVCS classes.
Damian Kolasa <fatfredyy@gmail.com> ASN1Sequence patch for class cast issue in X9Curve.
Ash Hughes <ashley.hughes@blueyonder.co.uk> patches for supporting PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().
Daniel Hirscher <dev@daniel-hirscher.de> patch to support parsing of explicit EC parameters in PEM files.
Daniele Ricci <daniele.athome@gmail.com> initial implementation of EC keys for OpenPGP and RFC6637 support.
Matti Aarnio <matti.aarnio@methics.fi> tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes.
Babak Najafi <bnajafi@akamai.com> fixes to OpenPGP NotationData to prevent truncation problems.
Eric Mueller <eric.mueller@sage.de> additional standard algorithm name lookups in JcaPEMKeyConverter.
Mathias Herberts <Mathias.Herberts@gmail.com> fix to inOff usage in RFC3394WrapEngine.
Daniil Ivanov <daniil.ivanov@gmail.com> addition of provider support for GOST HMAC SecretKeyFactory.
Daniele Grasso <daniele.grasso86@gmail.com> contributions to final Key calculation code for SRP6.
Andrey Utkin <cindrhc@gmail.com> patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.
Arnis Tartu <arnis@ut.ee> checker for generated key vs OID in JceCMSContentEncryptorBuilder.
AxelVDB <axel-vdb@riseup.net> initial implementation of Shacal2.
Roberto Tyley <> further work on completing gradle build.
Waldemar Dick <wdick@devmue.de> code improvement in x500 ASN.1 package.
Sid Steward <sid.steward@pdflabs.com> code improvements to ASN1Boolean.

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

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

Andreas Reiter <andreas.reiter@064iaik.tugraz.at> Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.

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

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

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

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

Maurice Aarts<aarts@064riscure.com> updated to KDF generator to follow NIST SP 800-108.

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

KB Sriram<mail_kb@064yahoo.com> testing for odd encodings for PGP User Attribute Subpackets.

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

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

Lijun Liao<&jun.liao@064gmail.com>; addition of getSignatureAlgorithmID to BasicOCSPResp.

dstutz<https://github.com/dstutz> added iteration count setters to PKCS#12 PBE mac/key generator builders.

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

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

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

Jens Kapitzka<ltj.kapitzka@064schwarze-allianz.de> Iterable support in OpenPGP API, code cleanup in OpenPGP API.

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

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

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

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

Peter Jr Halicky <peto@064halicky.sk> Correction to notification/error message handling in SignedMailValidator.

lartiguePierre<https://github.com/lartiguePierre> Fix for counter signature SID in CMSSignedData.

Thomas Belot<thomas.belot+BC@064gmail.com> initial CertPathLoopTest for demonstrating stack overflow issue.

Rich DiCroce<https://github.com/rdicroce> Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage.

Björjn Kautler<https://github.com/Vampire> Refinements to cert path validation (authority key addition, certificate order preservation).

Dominik Schürman<https://github.com/dschuermann>
method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output.

Michael <MSKnete@064web.de> initial fix for bitStrength issue for OpenPGP EC keys.

Tobias Wagner <tobias.wagner@064n-design.de> Fix SecureRandom handling in BcAsymmetricKeyWrapper

- [#BJA-536].
- Sergio Giro <sgiro@#064google.com> Fixed adding of additional stores from CRL distribution point [#BJA-537]. Fixed missing null check for CRL certificate issuer [#BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.
- bschuette<https://github.com/bschuette> Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.
- Leonard Dallot<https://github.com/dallotTazTag> Fix to S2K usage of none on changing passwords on keys without passwords originally.
- Jan Willem Janssen <j.w.janssen@bouncycastle.org> Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial content signer verifier for BC lightweight EC.
- Sebastian Oerding <sebastian.oerding@robotron.de> Fixes to toString() in x509.CertificatePolicies.
- Kai Kramer <kai.kramer@#064gmail.com> Code to deal with orphaned chain certificates in the PKCS#12 KeyStore.
- Benoit Charles <benoit.charles@#064opentrust.com> Fix for IES data length check on decryption.
- Niko <nfink95@#064gmail.com> fix to cast issue in getOutputSize() for ECIES.
- akwizgran<https://github.com/akwizgran> Fixed clone of key in Blake2bDgest copy constructor, blake2b reset issue for variant keys.
- Matthias Edelhoff <Matthias.Edelhoff@#064cryptovision.com> BasicConstraintsValidation pathlen fix in PKIX certpath classes.
- Lukasz Deputat <lukasz.deputat@#064gmail.com> Fixed bugs in TlsUtils read methods [#BJA-592].
- Justin Ludwig <https://github.com/justinludwig> Iterator fix for PGPObjectFactory to handle stream packets at start of iterated data.
- Andr e Berenguel <https://github.com/aberenguel> Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi
- Slawomir Jaranowski<https://github.com/slawekjaranowski> Patch to make cipher/hash/signature name methods in PGP internal API public.
- Andrey Vasilyev<https://github.com/andrey-vasilyev> Initial implementation of GOST R 34.11-2012.
- William Glanton <wglanton77@#064gmail.com> Fixed bug in Poly1305 [#BJA-620].
- jdvorak001<https://github.com/jdvorak001> Speed improvements for ASN.1 ObjectIdentifier cache.
- Joseph Naegele <jnaegele@grierforensics.com> Patch for handling multiple certificates in a DANE SMIMEA entry.
- Andrew Bonventre<https://github.com/andybons> NullPointer patch for WNafUtil.
- The Google Security Team (Project Wycheproof) <https://github.com/google/wycheproof> defect analysis and additional test cases for the provider.
- The Intel Security Team <> analysis detecting the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AESEngine.

</body>

</html>

1.39 httpcomponents-client 4.5.1

1.39.1 Available under license :

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

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* /opt/cola/permits/161783929_1651084162.18/0/httpcomponents-client-4-5-1-zip/httpcomponents-client-4.5.1.pom

1.40 openssl 1.0.2l

1.40.1 Notifications :

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com).

This product includes software written by Tim Hudson (tjh@cryptsoft.com).

1.40.2 Available under license :

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This package is an DES implementation written by Eric Young (eay@cryptsoft.com).

The implementation was written so as to conform with MIT's libdes.

This library is free for commercial and non-commercial use as long as the following conditions are adhered to. The following conditions apply to all code found in this distribution.

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loginrec.h

atomicio.h

atomicio.c

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*

* curve25519-donna: Curve25519 elliptic curve, public key function

*

* <http://code.google.com/p/curve25519-donna/>

*

* Adam Langley <agl@imperialviolet.org>

*

* Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to>

*

* More information about curve25519 can be found here

* <http://cr.yp.to/ecdh.html>

*

* djb's sample implementation of curve25519 is written in a special assembly
* language called qhasm and uses the floating point registers.

*

* This is, almost, a clean room reimplementation from the curve25519 paper. It

- * uses many of the tricks described therein. Only the crecip function is taken
- * from the sample implementation.
- */

1.42 commons-beanutils 1.9.3

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@c Local Variables:

@c ispell-local-pdict: "ispell-dict"

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Version 3, 29 June 2007

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```
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1.51 logback-core 1.2.3

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

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

```
<head>
```

```
<meta http-equiv="content-type" content="text/html; charset=iso-8859-1" />
```

```
<title>License</title>
```

```
<link rel="stylesheet" type="text/css" href="css/common.css" />
```

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

```
<link rel="stylesheet" type="text/css" href="css/_print.css" media="print" />
```

```
</head>
```

```
<body>
```

```
<script type="text/javascript">prefix="";</script>
```

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

```
<div id="left">
```

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

```
</div>
```

```
<div id="right">
```

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

```
</div>
```

```
<div id="content">
```

```
<div class="section">
```

```
<h2>Logback License</h2>
```

```
</div>
```

```
<p>As of release 0.9.18,
```

```
logback source code and binaries are
```

```
dual-licensed under the EPL v1.0 and the LGPL 2.1, or more
```

```
formally:</p>
```

```
<p class="source">Logback: the reliable, generic, fast and flexible logging framework.
```

```
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```

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</p>

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```
<script src="templates/footer.js" type="text/javascript"></script>
</div>
</body>
</html>
```

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1.52 glibc 2.24

1.53 zlib 1.2.8

1.53.1 Available under license :

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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1.54 stunnel 4.56

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```

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

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

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

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jar/javax/websocket/PongMessage.java

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- * /opt/cola/permits/1000018032_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/SendHandler.java
- * /opt/cola/permits/1000018032_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/EncodeException.java
- * /opt/cola/permits/1000018032_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/ContainerProvider.java
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- * /opt/cola/permits/1000018032_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/EndpointConfig.java
- * /opt/cola/permits/1000018032_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/OnError.java

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* /opt/cola/permits/1000018032_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-
jar/javax/websocket/DecodeException.java
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/opt/cola/permits/1000018032_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-
jar/javax/websocket/OnClose.java
* /opt/cola/permits/1000018032_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-
jar/javax/websocket/server/ServerEndpointConfig.java
* /opt/cola/permits/1000018032_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-
jar/javax/websocket/DefaultClientEndpointConfig.java
* /opt/cola/permits/1000018032_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-
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* /opt/cola/permits/1000018032_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-

```

jar/javax/websocket/ClientEndpoint.java

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

jar/javax/websocket/server/ServerApplicationConfig.java

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1.56 jcifs 1.3.17

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
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1.59 zlib 1.2.6

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1.60 Isoc 4.87-4.e17

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1.61 i2c-tools 3.0

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1.62 jdom 1.0

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```
/*--
```

```
$Id: CrimsonDOMAdapter.java,v 1.16 2004/02/06 09:28:31 jhunter Exp $
```

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* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/output/DOMOutputter.java

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\$Id: JaxenXPath.java,v 1.19 2004/09/03 07:27:39 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/input/JAXPParserFactory.java

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/*--

\$Id: XMLOutputter.java,v 1.112 2004/09/01 06:08:18 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/output/XMLOutputter.java

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\$Id: IllegalTargetException.java,v 1.14 2004/02/06 09:28:30 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/IllegalTargetException.java

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\$Id: Filter.java,v 1.9 2004/02/06 09:28:31 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/filter/Filter.java

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\$Id: Attribute.java,v 1.52 2004/03/01 23:58:28 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/Attribute.java

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/*--

\$Id: XSLTransformer.java,v 1.2 2004/02/06 09:28:32 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/transform/XSLTransformer.java
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* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/output/NamespaceStack.java

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\$Id: JDOMFactory.java,v 1.8 2004/09/01 05:25:38 jhunter Exp \$

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\$Id: AttributeList.java,v 1.23 2004/02/28 03:30:27 jhunter Exp \$

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\$Id: IllegalNameException.java,v 1.13 2004/02/06 09:28:30 jhunter Exp \$

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\$Id: ContentFilter.java,v 1.14 2004/08/31 04:56:07 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/filter/ContentFilter.java

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\$Id: IllegalDataException.java,v 1.13 2004/02/06 09:28:30 jhunter Exp \$

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\$Id: Element.java,v 1.152 2004/09/03 06:35:39 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/Element.java

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/*--

\$Id: FilterIterator.java,v 1.5 2004/08/31 19:36:12 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/FilterIterator.java

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/*--

\$Id: XML4JDOMAdapter.java,v 1.17 2004/02/06 09:28:31 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/adapters/XML4JDOMAdapter.java

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\$Id: OracleV1DOMAdapter.java,v 1.19 2004/02/06 09:28:31 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/adapters/OracleV1DOMAdapter.java

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/DataConversionException.java

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\$Id: SAXBuilder.java,v 1.89 2004/09/03 18:24:28 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/input/SAXBuilder.java

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\$Id: Format.java,v 1.10 2004/09/07 06:37:20 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/output/Format.java

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\$Id: XPath.java,v 1.15 2004/02/06 09:28:32 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/xpath/XPath.java

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\$Id: JDOMSource.java,v 1.18 2004/08/31 04:43:48 jhunter Exp \$

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* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/transform/JDOMSource.java

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\$Id: DOMAdapter.java,v 1.21 2004/02/06 09:28:31 jhunter Exp \$

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\$Id: Comment.java,v 1.32 2004/02/11 21:12:43 jhunter Exp \$

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\$Id: JDOMResult.java,v 1.23 2004/08/31 06:10:38 jhunter Exp \$

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\$Id: XercesDOMAdapter.java,v 1.18 2004/02/06 09:28:31 jhunter Exp \$

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* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/adapters/XercesDOMAdapter.java

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/*--

\$Id: BuilderErrorHandler.java,v 1.12 2004/02/06 09:28:31 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/input/BuilderErrorHandler.java
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\$Id: EntityRef.java,v 1.21 2004/02/27 11:32:57 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/EntityRef.java

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\$Id: Parent.java,v 1.12 2004/08/31 21:47:51 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/Parent.java
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\$Id: Content.java,v 1.5 2004/09/07 06:37:20 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/Content.java

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\$Id: AbstractDOMAdapter.java,v 1.20 2004/02/06 09:28:31 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/adapters/AbstractDOMAdapter.java

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/*--

\$Id: IllegalAddException.java,v 1.25 2004/02/06 09:28:30 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/IllegalAddException.java

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/*--

\$Id: Namespace.java,v 1.41 2004/02/27 11:32:57 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/Namespace.java

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\$Id: AbstractFilter.java,v 1.5 2004/02/27 11:32:58 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/filter/AbstractFilter.java
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\$Id: NegateFilter.java,v 1.3 2004/02/06 09:28:31 jhunter Exp \$

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\$Id: XSLTransformException.java,v 1.3 2004/02/06 09:28:32 jhunter Exp \$

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* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/transform/XSLTransformException.java

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\$Id: EscapeStrategy.java,v 1.3 2004/02/06 09:28:32 jhunter Exp \$

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\$Id: Verifier.java,v 1.51 2004/08/31 21:58:55 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/adapters/JAXPDOMAdapter.java
No license file was found, but licenses were detected in source scan.

/*--

\$Id: AndFilter.java,v 1.3 2004/02/06 09:28:31 jhunter Exp \$

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* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/filter/AndFilter.java

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/*--

\$Id: Text.java,v 1.24 2004/02/27 11:32:57 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/Text.java

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\$Id: DescendantIterator.java,v 1.5 2004/02/27 11:32:57 jhunter Exp \$

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Found in path(s):

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\$Id: DOMBuilder.java,v 1.59 2004/09/03 06:03:41 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/input/DOMBuilder.java
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\$Id: JDOMException.java,v 1.23 2004/02/27 11:32:57 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/JDOMException.java

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\$Id: Document.java,v 1.84 2004/08/31 21:47:51 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/Document.java

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\$Id: JDOMLocator.java,v 1.3 2004/02/06 09:28:32 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/output/JDOMLocator.java

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\$Id: ElementFilter.java,v 1.18 2004/09/07 06:37:20 jhunter Exp \$

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\$Id: SAXOutputter.java,v 1.37 2004/09/03 06:11:00 jhunter Exp \$

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\$Id: SAXHandler.java,v 1.68 2004/08/31 06:14:05 jhunter Exp \$

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\$Id: CDATA.java,v 1.30 2004/02/27 11:32:57 jhunter Exp \$

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\$Id: OracleV2DOMAdapter.java,v 1.18 2004/02/06 09:28:31 jhunter Exp \$

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/*--

\$Id: DefaultJDOMFactory.java,v 1.6 2004/09/01 05:25:38 jhunter Exp \$

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\$Id: ProcessingInstruction.java,v 1.46 2004/02/27 11:32:57 jhunter Exp \$

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* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/ProcessingInstruction.java

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\$Id: JDOMParseException.java,v 1.7 2004/02/17 02:29:24 jhunter Exp \$

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Found in path(s):

* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/input/JDOMParseException.java

1.63 xml-commons 1.2.0.v200806030312

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```
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library `Frob' (a library for tweaking knobs) written by James Random Hacker.
```

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

Ty Coon, President of Vice

That's all there is to it!

MNGPLG

A simple browser plug-in for the MNG image/animation file format.

By Jason Summers <jason1@pobox.com>

Web site: <http://pobox.com/~jason1/mngplg/>

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```

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```

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/* * * */
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/* * * */
/* * * */
/* * * */
/* * Parts of this software have been adapted from the libpng package. * */
/* * Although this library supports all features from the PNG specification * */
/* * (as MNG descends from it) it does not require the libpng package. * */
/* * It does require the zlib library and optionally the IJG jpeg library, * */
/* * and/or the "little-cms" library by Marti Maria (depending on the * */
/* * inclusion of support for JNG and Full-Color-Management respectively. * */
/* * * */

```

```
/* * This library's function
is primarily to read and display MNG      */
/* * animations. It is not meant as a full-featured image-editing      */
/* * component! It does however offer creation and editing functionality */
/* * at the chunk level.          */
/* * (future modifications may include some more support for creation    */
/* * and or editing)              */
/* *                               */
/* ***** */
```

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1.67 eclipse 3.6.1.R36x_v20100806

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1.68 eclipse 3.5.0.v20100524

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Schema for XML Signatures

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\$Revision: 1.2 \$ on \$Date: 2005/06/03 03:09:54 \$ by \$Author: cantor \$

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*/

/**

* Encodes and decodes to and from Base64 notation.

*

* <p>

* Change Log:

*

</p>

*

* v2.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience methods for reading

* and writing to and from files.

* v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems with other encodings (like EBCDIC).

* v2.0.1 - Fixed an error when decoding a single byte, that is, when the encoded data was a single byte.

* v2.0 - I got rid of methods that used booleans to set options. Now everything is more consolidated and cleaner.

* The code now detects when data that's being decoded is gzip-compressed and will decompress it automatically.

* Generally things are cleaner. You'll probably have to change some method calls that you were making to support the

- * new options format (<tt>int</tt>s that you "OR" together).
- * v1.5.1 - Fixed bug when decompressing and decoding to a byte[] using
- * <tt>decode(String s, boolean gzipCompressed)</tt>. Added the ability to "suspend" encoding in the Output Stream
- * so you can turn on and off the encoding if you need to embed base64 data in an otherwise "normal" stream (like an XML file).
- * v1.5 - Output stream pases on flush() command but doesn't do anything itself. This helps when using GZIP streams. Added the ability to GZip-compress objects before encoding them.
- * v1.4 - Added helper methods to read/write files.
- * v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.
- * v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last buffer being read, if not completely full, was not returned.
- * v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.
- * v1.3.3 - Fixed I/O streams which were totally messed up.

*

<p>

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</p>

*

* @author Robert Harder

* @author rob@iharder.net

* @version 2.1

*/

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/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/CipherDataUnmarshaller.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/PGPKeyPacket.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/ReferenceType.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/schema/impl/XSAnyBuilder.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/JImpl.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/ChainingEncryptedKeyResolver.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/DEREncodedKeyValueUnmarshaller.java

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/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/trust/ExplicitKeyTrustEvaluator.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/X509DigestMarshaller.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/X509SKImpl.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/EncryptedKeyMarshaller.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-

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jar/org/opensaml/xml/signature/X509CRL.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/BasicSecurityConfiguration.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/credential/criteria/EvaluableKeyNameCredentialCriteria.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/AbstractExtensibleXMLObjectUnmarshaller.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/validation/AbstractValidatingXMLObject.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/KeyReferenceBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/KeyValueUnmarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/EncryptedDataMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/x509/X509Util.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/RSAKeyValueMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/credential/criteria/EvaluableX509DigestCredentialCriteria.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSAnyImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/credential/criteria/EvaluableKeyAlgorithmCredentialCriteria.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/PGPDataMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/AgreementMethod.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/validator/SPKIDataSchemaValidator.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/RecipientKeyInfoImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/AgreementMethodUnmarshaller.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/XSAny.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/util/ValueTypeIndexedMap.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/ReferenceTypeImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/DSAKeyValueBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/validator/PGPDataSchemaValidator.java

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* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/OriginatorKeyInfo.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/OriginatorKeyInfoBuilder.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/util/AbstractSingletonFactory.java

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/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/CipherData.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/QImpl.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/schema/impl/XSBase64BinaryUnmarshaller.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/Q.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/Seed.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/x509/X509SubjectNameCriteria.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/Decrypter.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/util/AbstractSimpleSingletonFactory.java

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/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/EncryptionPropertyMarshaller.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/PGPDataImpl.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/validator/RetrievalMethodSchemaValidator.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/util/XMLAttributeHelper.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/io/AbstractXMLObjectUnmarshaller.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/PBuilder.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/CipherValue.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/io/Marshaller.java

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/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/PGPKeyID.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/EncryptionMethod.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/SignatureBuilder.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/schema/SchemaBuilder.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/ECKeyValueMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/X509IssuerSerialMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/keyinfo/provider/DSAKeyValueProvider.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/credential/FilesystemCredentialResolver.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/schema/XSQName.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/EncryptionMethodImpl.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/x509/X509Credential.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/Transforms.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/credential/Credential.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/schema/XSBoolean.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/CarriedKeyName.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/EncryptionProperties.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/PgenCounterBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/KeyInfoType.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/CipherReferenceBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/X509SubjectNameImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/AbstractXMLEncryptionUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-

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jar/org/opensaml/xml/encryption/impl/SeedImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/X509CRLImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/RetrievalMethodMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/X509DataBuilder.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSSStringImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/DSAKeyValueImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/EncryptionPropertiesBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/ReferenceListImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/keyinfo/BasicProviderKeyInfoCredentialResolver.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/keyinfo/provider/InlineX509DataProvider.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/credential/criteria/EvaluablePublicKeyCredentialCriteria.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/validator/KeySizeSchemaValidator.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/MgmtData.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSDateTimeUnmarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/io/UnmarshallerFactory.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/util/IPAddressHelper.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSBooleanUnmarshaller.java
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/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/AgreementMethodBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/ContentReference.java

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* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/OAEPparamsImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/IdBearing.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/X509DataMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/YImpl.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/EncryptionMethodMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/AttributeExtensibleXMLObject.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/io/UnmarshallingException.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/PGPKeyIDImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/x509/X509CredentialNameEvaluator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/keyinfo/KeyInfoCredentialContext.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/RSAPublicKeyImpl.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/AbstractXMLObjectBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/SignatureConstants.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/util/AbstractWrappedSingletonFactory.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/OAEPparamsBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/KANonce.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/schema/XSURI.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/util/XMLObjectChildrenList.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/x509/BasicPKIXValidationInformation.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/CriteriaFilteringIterator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/KeyInfoReference.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/validator/AgreementMethodSchemaValidator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/trust/ChainingTrustEngine.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/SpaceBearing.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/keyinfo/NamedKeyInfoGeneratorManager.java
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/XMLObject.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/GBuilder.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/keyinfo/KeyInfoResolutionContext.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/validator/KeyInfoReferenceSchemaValidator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/GImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/ReferenceList.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/schema/impl/XSBase64BinaryImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/BaseSignatureTrustEngine.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/x509/X509KeyInfoGeneratorFactory.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/X509DataImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/x509/PKIXTrustEngine.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/Resolver.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-

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jar/org/opensaml/xml/security/credential/BasicCredential.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/Modulus.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/CipherReferenceMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSQNameImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/X509SubjectNameBuilder.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/NamedCurve.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/GeneratorImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSDateTimeMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/parse/ParserPool.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/Signature.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/Seed.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/TransformBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/CipherValueBuilder.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/credential/CredentialContext.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSURIMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/SignatureValidator.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/util/XMLHelper.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/credential/criteria/EvaluableEntityIDCredentialCriteria.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSDateTimeImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/criteria/UsageCriteria.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSIntegerMarshaller.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/x509/X509SubjectKeyIdentifierCriteria.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/validator/CipherReferenceSchemaValidator.java

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* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/validation/Validator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/SeedBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/DataReferenceImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/EncryptionException.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/SPKISexpImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/YBuilder.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/DHKeyValueBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/CarriedKeyNameBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/io/MarshallerFactory.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/EncryptionMethodUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/schema/validator/XSBase64BinarySchemaValidator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/DEREncodedKeyValueBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/ECKKeyValueUnmarshaller.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/keyinfo/StaticKeyInfoCredentialResolver.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/ReferenceTypeUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/keyinfo/KeyInfoCredentialResolver.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/schema/XSDateTime.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/XMLSignatureCredentialContext.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/schema/impl/XSAnyUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/validation/ValidatorSuite.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/credential/criteria/EvaluableUsageCredentialCriteria.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/XMLObjectBuilderFactory.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-

jar/org/opensaml/xml/signature/impl/KeyInfoReferenceImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/schema/impl/XSSStringUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/EncryptionMethodBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/ReferenceListBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/ReferenceTypeMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/ECKEYValueImpl.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/X509SubjectName.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/SPKIDataMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/EvaluableCriteria.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/XMLSignatureBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/X509DataUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/validator/EncryptedTypeSchemaValidator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/AbstractXMLSignatureUnmarshaller.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/PgenCounterImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/X509IssuerSerialBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/X509Certificate.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/X509IssuerNameImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/Version.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/SecurityHelper.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/X509IssuerName.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/SignatureException.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/QImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/EncryptedKeyResolver.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-

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jar/org/opensaml/xml/security/trust/TrustedCredentialTrustEngine.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/CryptoBinaryBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/util/SingletonFactory.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/util/LazyMap.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/util/LazyList.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/x509/PKIXValidationInformation.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSAnyMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/keyinfo/LocalKeyInfoCredentialResolver.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/EncryptedKey.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/Q.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/credential/criteria/EvaluableX509SubjectNameCredentialCriteria.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/MgmtDataBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/keyinfo/KeyInfoHelper.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/KeyInfoReferenceMarshaller.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/keyinfo/provider/AbstractKeyInfoProvider.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/OriginatorKeyInfoUnmarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/CipherValueImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/DataReference.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/EncryptedTypeImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/ExplicitKeySignatureTrustEngine.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/Transforms.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/Transform.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/validator/TransformsSchemaValidator.java

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jar/org/opensaml/xml/encryption/impl/QBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/RetrievalMethodUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/RSAKeyValue.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/trust/TrustEngine.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/credential/UsageType.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/TransformMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 *
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/KeyInfoReferenceUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/validation/ValidatingXMLObject.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/AgreementMethodImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/ChainingSignatureTrustEngine.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/KeyValueImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/CipherDataImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/EncryptionPropertiesUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/EncryptedKeyBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/KeyReferenceMarshaller.java
 *
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/PGPKeyPacketImpl.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/criteria/KeyNameCriteria.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/X509IssuerNameBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/PgenCounter.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/CipherDataMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 *
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
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 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/DHKeyValueImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/DocumentInternalIDContentReference.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/x509/CertPathPKIXTrustEvaluator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/DecryptionException.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/ECKeyValue.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/x509/X509IssuerSerialCriteria.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/X509SKI.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/EncryptedKeyImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/ExponentImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/util/DatatypeHelper.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/KeyInfoMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/DigestMethodUnmarshaller.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/Encrypter.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-

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jar/org/opensaml/xml/security/credential/AbstractCredential.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/X509DigestImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/util/Pair.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/credential/AbstractCriteriaFilteringCredentialResolver.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/AbstractExtensibleXMLObject.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/criteria/KeyLengthCriteria.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/keyinfo/StaticKeyInfoGenerator.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/X509Digest.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/criteria/PeerEntityIDCriteria.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/XPathBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/validator/TransformSchemaValidator.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/EncryptedTypeMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/X509IssuerSerialUnmarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/P.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/X509SerialNumber.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/DigestMethodImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/util/LazySet.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/Criteria.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/KeyInfoBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/TransformsUnmarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/SignatureImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/keyinfo/KeyInfoGenerator.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/AbstractXMLEncryptionMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-

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jar/org/opensaml/xml/signature/impl/JBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/SignatureUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/DataReferenceUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/x509/InternalX509DNHandler.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/RetrievalMethodImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/PublicKeyBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/validator/DSAKeyValueSchemaValidator.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/G.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/schema/impl/XSSStringMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/validator/CipherDataSchemaValidator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/SPKIDataUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/x509/KeyStoreX509CredentialAdapter.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/validator/X509DigestSchemaValidator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/CryptoBinaryImpl.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/KeyInfoTypeMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/KeyInfoImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/PublicKey.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/DSAKeyValueMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/EncryptionPropertyBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/credential/CollectionCredentialResolver.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/KANonceImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/x509/BasicX509Credential.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/X509IssuerSerial.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-

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jar/org/opensaml/xml/encryption/impl/EncryptionPropertiesImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/keyinfo/KeyInfoGeneratorManager.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/validator/ReferenceTypeSchemaValidator.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/AbstractElementExtensibleXMLObjectUnmarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/OAEPparams.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/KeyReference.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/X509SerialNumberImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/x509/PKIXTrustEvaluator.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/validator/X509SerialNumberSchemaValidator.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/X509SerialNumberBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/X509IssuerSerialImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/PgenCounter.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/XPathImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/X509CertificateBuilder.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/PGPKeyPacketBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/SPKISexpBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/CriteriaFilteringIterable.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/KeyValueBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/x509/tls/StrictHostnameVerifier.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/X509SKIBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/io/Unmarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/validator/KeyInfoTypeSchemaValidator.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/parse/LoggingErrorHandler.java

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* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/schema/impl/XSURIUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/RecipientKeyInfoBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/KeyInfo.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/criteria/KeyAlgorithmCriteria.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/util/IndexedXMLObjectChildrenList.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/URIContentReference.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/EncryptionConstants.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/NamedCurveMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/credential/criteria/EvaluableX509IssuerSerialCredentialCriteria.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/SeedBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/BaseBearing.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/AbstractElementExtensibleXMLObjectMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/EncryptionPropertyImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/PublicBuilder.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/x509/CertPathPKIXValidationOptions.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/SimpleKeyInfoReferenceEncryptedKeyResolver.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/OriginatorKeyInfoMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/ModulusBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/keyinfo/KeyInfoGeneratorFactory.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/KeyInfoUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/P.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/EncryptionParameters.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/SignatureMarshaller.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/PBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/XMLConfigurator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/EncryptedTypeUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/credential/CredentialResolver.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/KeyValue.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/TransformsMarshaller.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/schema/impl/XSBooleanBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/keyinfo/provider/RSAPublicKeyProvider.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/validator/X509IssuerSerialSchemaValidator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/XMLRuntimeException.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/ModulusImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/TransformsImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/CryptoBinary.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/credential/BasicKeyInfoGeneratorFactory.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/DSAKeyValue.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/SignableXMLObject.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/io/BaseXMLObjectMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/PKIXSignatureTrustEngine.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/KeyNameImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/RSAPublicKeyBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/KeyReferenceUnmarshaller.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/KeySizeBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-

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jar/org/opensaml/xml/schema/impl/XSQNameUnmarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/criteria/PublicKeyCriteria.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/EncryptedDataImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/TransformsBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/x509/PKIXX509CredentialTrustEngine.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/X509Data.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/validator/TransformsSchemaValidator.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/PublicImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/x509/X509KeyManagerX509CredentialAdapter.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/DataReferenceBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/XMLEncryptionBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/DataReferenceMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/PgenCounterBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/OriginatorKeyInfoImpl.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/EncryptedData.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/QBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/EncryptedDataUnmarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/KeyInfoTypeImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/SecurityTestHelper.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/trust/ExplicitX509CertificateTrustEvaluator.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/KeyInfoReferenceBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/SeedImpl.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/credential/criteria/EvaluableKeyLengthCredentialCriteria.java

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* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/schema/impl/XSIntegerBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/PGPKeyIDBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/ECPintType.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/J.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/KeyName.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/x509/X500DNHandler.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/RetrievalMethod.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/keyinfo/KeyInfoCriteria.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/io/AbstractXMLObjectMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/credential/criteria/EvaluableX509CertSelectorCredentialCriteria.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/credential/criteria/EvaluableCredentialCriteria.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/schema/impl/XSIntegerImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/schema/impl/XSBase64BinaryMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/SigningUtil.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/DigestMethodBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/impl/DEREncodedKeyValueMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/signature/validator/KeyValueSchemaValidator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/CarriedKeyNameImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/schema/impl/XSIntegerUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/validator/EncryptionMethodSchemaValidator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/parse/StaticBasicParserPool.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/encryption/impl/ReferenceListMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-jar/org/opensaml/xml/security/CriteriaSet.java

* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/X509DigestUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/LangBearing.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/GeneratorBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/schema/XSBase64Binary.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/EncryptedKeyUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/schema/impl/XSBooleanImpl.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/validator/EncryptionPropertySchemaValidator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/DHKeyValue.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/schema/XSInteger.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/x509/PKIXValidationInformationResolver.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/AbstractSignableXMLObject.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/TransformsImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/KeyInfoTypeUnmarshaller.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/credential/criteria/EvaluableCredentialCriteriaRegistry.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/util/IDIndex.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/XPath.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/AbstractExtensibleXMLObjectMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/DSAKeyValueUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/keyinfo/CollectionKeyInfoCredentialResolver.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/validator/NamedCurveSchemaValidator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/SimpleRetrievalMethodEncryptedKeyResolver.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/X509SerialNumberMarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-

jar/org/opensaml/xml/signature/impl/TransformsUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/EncryptionPropertyUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/X509SerialNumberUnmarshaller.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/keyinfo/KeyInfoProvider.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/PImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/TransformsMarshaller.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/trust/ExplicitKeyTrustEngine.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/keyinfo/provider/KeyInfoReferenceProvider.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/DEREncodedKeyValue.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/KANonceBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/impl/EncryptedDataBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/schema/impl/XSURIBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/NamedCurveImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/namespace/Manager.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/X509DigestBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/Exponent.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/DEREncodedKeyValueImpl.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/validator/EncryptionPropertiesSchemaValidator.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/signature/impl/PGPDataBuilder.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/security/ApacheXMLSecurityConstants.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/AbstractElementExtensibleXMLObject.java
 *
 /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/Configuration.java
 * /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
 jar/org/opensaml/xml/encryption/KeyEncryptionParameters.java

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* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/criteria/EntityIDCriteria.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/TransformImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSURIImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/XSString.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/CipherDataBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/DefaultSecurityConfigurationBootstrap.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/NamedCurveBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/EncryptionProperty.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/validation/ValidationException.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/credential/StaticCredentialResolver.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/credential/KeyStoreCredentialResolver.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/KeySize.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSQNameBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/util/XMLConstants.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/ElementExtensibleXMLObject.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/SecurityException.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/validator/SignatureSchemaValidator.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSDateTimeBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/credential/criteria/EvaluableX509SubjectKeyIdentifierCredentialCriteria.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/trust/ExplicitX509CertificateTrustEngine.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/RecipientKeyInfo.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/validator/XSIntegerSchemaValidator.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-

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jar/org/opensaml/xml/util/IndexingObjectStore.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/validator/X509DataSchemaValidator.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/EncryptionPropertiesMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/RecipientKeyInfoMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/CryptoBinaryMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/KeyValueMarshaller.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/credential/CredentialContextSet.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/validator/XSDateTimeSchemaValidator.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSQNameMarshaller.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/TransformsBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSBase64BinaryBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/Public.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/Signer.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/PImpl.java
*
/opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/encryption/impl/KeyReferenceImpl.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/parse/XMLParserException.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/schema/impl/XSStringBuilder.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/ConfigurationException.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/parse/ClasspathResolver.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/security/SecurityConfiguration.java
* /opt/cola/permits/1000345062_1646171458.27/0/xmltooling-1-4-4-sources-
jar/org/opensaml/xml/signature/impl/X509CertificateImpl.java

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1.70 hpack 1.0.2

1.71 bson 2.13.0

1.72 datasource 6.2.0

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1.74 xml-security 2.3.0

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1.75 neon 0.30.1

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Version 2, June 1991

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1.76 opus 1.1

1.77 jansson 2.9

1.77.1 Available under license :

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1.78 libsamplerate 0.1.7

1.78.1 Available under license :

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Secret Rabbit Code (aka libsamplerate)
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```

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```

```
<A HREF="history.html">History</A><BR>
```

```

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<A HREF="quality.html">Quality</A><BR>
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<A HREF="win32.html">On Win32</A><BR>
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  Author :<BR>Erik de Castro Lopo
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  <BR><BR>
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<!-- pepper -->
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<!-- pepper -->
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<H1><B>License</B></H1>
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<P>
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  licensing scheme where people could chose to use it under the terms
  of the GNU General Public License or pay for a commercial use
  license.
</P>
<!-- pepper -->
<P>
  In 2016, thanks to a generous offer from Epic Games International,
  Secret Rabbit
  Code was relicensed under the 2-clause BSD license.
</P>
<!-- pepper -->
</DIV>
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</BODY>

</HTML>

1.79 ethtool 3.18

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Iperf performance test

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Iperf performance test

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1.82 websocketpp 0.7.0

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base64.cpp and base64.h

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L. Peter Deutsch
ghost@aladdin.com

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1.83 net-tools 1.60

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Appendix: How to Apply These Terms to Your New Programs

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

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Also add information on how to contact you by electronic and paper mail.

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) 19yy 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.

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:

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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1.84 libjpeg 6b

1.84.1 Notifications :

This software is based in part on the work of the Independent JPEG Group.

1.84.2 Available under license :

The Independent JPEG Group's JPEG software

=====

README for release 6b of 27-Mar-1998

=====

This distribution contains the sixth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

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

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

IJG is not affiliated with the official ISO JPEG standards committee.

DOCUMENTATION ROADMAP

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This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
RELATED SOFTWARE Other stuff you should get.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

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

Programmer and internal documentation:

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

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

=====

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and

remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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

LEGAL ISSUES

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3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

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These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

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by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file `ansi2knr.c` for full details.) However, since `ansi2knr.c` is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (`config.guess`, `config.sub`, `ltconfig`, `ltmain.sh`). Another support script, `install-sh`, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that

"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

REFERENCES

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We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue

handy, a PostScript file containing a revised version of Wallace's article is available at <ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T

Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The JPEG standard itself is not available electronically; you must order a

paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.)

In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision

1.02. A copy of the JFIF spec is available from:

Literature Department

C-Cube Microsystems, Inc.

1778 McCarthy Blvd.

Milpitas, CA 95035

phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at

<ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz>. There is also a plain text version at <ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from

<ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>.

The JPEG incorporation scheme

found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems.

IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6).

Instead, we recommend the JPEG design proposed by TIFF Technical Note #2

(Compression tag 7). Copies of this Note can be obtained from <ftp.sgi.com> or

from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision

of the TIFF spec will replace the 6.0 JPEG design with the Note's design.

Although IJG's own code does not support TIFF/JPEG, the free libtiff library

uses our library to implement TIFF/JPEG per the Note. libtiff is available

from <ftp://ftp.sgi.com/graphics/tiff/>.

ARCHIVE LOCATIONS

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The "official" archive site for this software is <ftp.uu.net> (Internet

address 192.48.96.9). The most recent released version can always be found

there in directory

<graphics/jpeg>. This particular version will be archived

as <ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz>. If you don't have

direct Internet access, UUNET's archives are also available via UUCP; contact

help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only

<ftp.uu.net> is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from

the SimTel archives (<ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/>), or

on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12

"JPEG Tools". Again, these versions may sometimes lag behind the <ftp.uu.net>

release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of

general information about JPEG. It is updated constantly and therefore is

not included in this distribution. The FAQ

is posted every two weeks to

Usenet newsgroups comp.graphics.misc, news.answers, and other groups.

It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/>

and other news.answers archive sites, including the official news.answers

archive at rtfm.mit.edu: <ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/>.

If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu

with body

send usenet/news.answers/jpeg-faq/part1

send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE

=====

Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPLUS software, which provides many useful

operations on PPM-format image

files. In particular, it can convert PPM images to and from a wide range of other formats, thus making `cjpeg/djpeg` considerably more useful. The latest

version is distributed by the NetPBM group, and is available from numerous sites, notably <ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/>.

Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from <ftp://havefun.stanford.edu/pub/jpeg/>. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS

=====

Some JPEG programs produce files that are not compatible with our library.

The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO

=====

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

1.85 jaxb-api 2.1

1.85.1 Available under license :

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

@(#)package.html 1.60 98/01/27

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Found in path(s):

* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/adapters/package.html

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* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XmlMimeType.java

* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XmlMixed.java

* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/DomHandler.java

* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XmlAccessorType.java

* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XmlAnyElement.java

* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XmlAttachmentRef.java

* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XmlInlineBinaryData.java

*

/opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XmlAnyAttribute.java

* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-

jar/javax/xml/bind/annotation/XmlSchemaTypes.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/adapters/XmlJavaTypeAdapters.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XmlAccessOrder.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/Binder.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/W3CDomHandler.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XmlAccessType.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XmlAccessorOrder.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XmlSchemaType.java
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* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/helpers/PrintConversionEventImpl.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/helpers/DefaultValidationEventHandler.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/util/Messages.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/PrintConversionEvent.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/DatatypeConverter.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/helpers/AbstractUnmarshallerImpl.java
*
/opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/ValidationException.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/JAXBException.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/ParseConversionEvent.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/UnmarshalException.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/helpers/AbstractMarshallerImpl.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/DatatypeConverterInterface.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/NotIdentifiableEvent.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/Element.java

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* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-
jar/javax/xml/bind/UnmarshallerHandler.java
*
/opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-
jar/javax/xml/bind/util/ValidationEventCollector.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-
jar/javax/xml/bind/helpers/ValidationEventImpl.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/ValidationEvent.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-
jar/javax/xml/bind/helpers/ValidationEventLocatorImpl.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/Unmarshaller.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/util/JAXBSource.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/Messages.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/Validator.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-
jar/javax/xml/bind/helpers/NotIdentifiableEventImpl.java
*
/opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/ContextFinder.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/MarshalException.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/helpers/Messages.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/JAXBContext.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-
jar/javax/xml/bind/helpers/ParseConversionEventImpl.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/Unmarshaller.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-
jar/javax/xml/bind/TypeConstraintException.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/util/JAXBResult.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-
jar/javax/xml/bind/ValidationEventHandler.java
*
/opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/PropertyException.java
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jar/javax/xml/bind/annotation/adapters/CollapsedStringAdapter.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-
jar/javax/xml/bind/annotation/XmlValue.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/JAXBElement.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-
jar/javax/xml/bind/annotation/XmlRootElement.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-
jar/javax/xml/bind/annotation/XmlElementRef.java

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* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLNs.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/adapters/NormalizedStringAdapter.java
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/opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/adapters/HexBinaryAdapter.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/adapters/XMLJavaTypeAdapter.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLTransient.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLSchema.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/adapters/XMLAdapter.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLAttribute.java
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* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLNsForm.java
*
/opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/JAXBIntrospector.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLType.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLEnum.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLElementRefs.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLElementDecl.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLIDREF.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLElements.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLRegistry.java
* /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLEnumValue.java
*
/opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/XMLElement.java
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- * /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/annotation/package.html
- * /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/package.html
- * /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/util/package.html
- *
- /opt/cola/permits/1000760720_1646171551.91/0/jaxb-api-2-1-sources-jar/javax/xml/bind/helpers/package.html

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- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
- web-fragment_3_1.xsd

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

Found in path(s):

`*/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/Version.java`

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

```
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 */
```

Found in path(s):

```
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/extra/spath/SPathFilter.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/extra/spath/Predicate.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/extra/spath/AbsolutePath.java
*
/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/extra/spath/Path.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/extra/spath/Step.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/extra/spath/AttributePredicate.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/extra/spath/RelativePath.java
No license file was found, but licenses were detected in source scan.
```

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```


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- * limitations under the License.
- */

Found in path(s):

```
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/ArraySuffix.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/xml/SetTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/fmt/ParseNumberSupport.java
*
/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/core/RemoveTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/test/beans/PublicBean1.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/el/core/ForEachTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/AndOperator.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/rt/core/RedirectTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/javax/servlet/jsp/jstl/core/LoopTagStatus.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/ImplicitObjects.java
*
/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/Logger.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/el/sql/DateParamTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/el/fmt/SetLocaleTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/el/fmt/MessageTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/rt/sql/DateParamTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/sql/DataSourceWrapper.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/sql/QueryTagSupport.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/fmt/FormatDateSupport.java
*
/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/rt/fmt/MessageTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/EmptyOperator.java
```

* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/ELException.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/el/core/ImportTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/rt/fmt/BundleTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tlv/JstlFmtTLV.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/common/xml/UnresolvableException.java
*

/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/common/core/ParamParent.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tlv/JstlBaseTLV.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/el/fmt/BundleTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/rt/fmt/SetTimeZoneTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/PrimitiveObjects.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/rt/xml/TransformTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/test/StaticFunctionTests.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/rt/sql/QueryTag.java
*

/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/VariableResolver.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/el/sql/SetDataSourceTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/common/sql/ResultImpl.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/common/core/NullAttributeException.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/common/fmt/MessageSupport.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/test/beans/PrivateBean2b.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/common/core/WhenTagSupport.java
*

/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/common/sql/SetDataSourceTagSupport.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/el/xml/ParamTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-

jar/org/apache/taglibs/standard/tag/common/core/RedirectSupport.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/GreaterThanOrEqualsOperator.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/MinusOperator.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tei/ImportTEI.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/test/Bean1.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/el/core/ForTokensTag.java
 *
 /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/common/core/ParamSupport.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/test/Bean2.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/StringLiteral.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/el/sql/UpdateTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/common/xml/XPathUtil.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/support/ExpressionEvaluator.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/common/core/CatchTag.java
 *
 /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/rt/sql/UpdateTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/OrOperator.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/el/sql/QueryTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/test/beans/PrivateBean2c.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/el/xml/ExprTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/el/fmt/ParseNumberTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tei/ForEachTEI.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/BeanInfoProperty.java
 *
 /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/common/fmt/TimeZoneSupport.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/support/ExpressionEvaluatorManager.java

* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/EqualsOperator.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/javax/servlet/jsp/jstl/sql/SQLExecutionTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/MultiplyOperator.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/BeanInfoIndexedProperty.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/common/core/OutSupport.java
 *
 /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/rt/core/ImportTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/rt/xml/ParseTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/el/core/RedirectTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/ArithmeticOperator.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/el/fmt/RequestEncodingTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/common/fmt/ParamSupport.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/rt/fmt/SetLocaleTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/el/xml/ParseTag.java
 *
 /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/BinaryOperator.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tlv/JstlXmITLV.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/common/sql/DateParamTagSupport.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/javax/servlet/jsp/jstl/fmt/LocalizationContext.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/el/core/ExpressionUtil.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/FunctionInvocation.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/el/core/UrlTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/rt/fmt/ParseDateTag.java
 *
 /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/NamedValue.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-

```

jar/javax/servlet/jsp/jstl/core/ConditionalTagSupport.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/fmt/SetTimeZoneSupport.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/javax/servlet/jsp/jstl/core/LoopTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/javax/servlet/jsp/jstl/tlv/ScriptFreeTLV.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/rt/fmt/TimeZoneTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/JSTLVariableResolver.java
*
/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/FloatingPointLiteral.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/Constants.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/PlusOperator.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/Literal.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/Expression.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/rt/xml/ParamTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/rt/core/IfTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/javax/servlet/jsp/jstl/sql/Result.java
*
/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/rt/fmt/FormatNumberTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/sql/ParamTagSupport.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/xml/JSTLXPathAPI.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/rt/fmt/ParseNumberTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tlv/JstlSqlTLV.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/el/core/IfTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/javax/servlet/jsp/jstl/sql/ResultImpl.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/functions/Functions.java
*
/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/el/sql/ParamTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-

```

```

jar/org/apache/taglibs/standard/lang/jstl/UnaryOperatorExpression.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/core/Util.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/core/UrlSupport.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/LessThanOperator.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/el/core/OutTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/javax/servlet/jsp/jstl/tlv/PermittedTaglibsTLV.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/rt/core/UrlTag.java
*
/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/rt/fmt/FormatDateTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tei/XmlTransformTEI.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/el/fmt/FormatDateTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/sql/DataSourceUtil.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/NotEqualsOperator.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/IntegerDivideOperator.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/sql/DriverTag.java
*
/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/lang/jstl/test/Bean2Editor.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/xml/ParamSupport.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/xml/ForEachTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/core/OtherwiseTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/core/ChooseTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/fmt/ParseDateSupport.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/rt/core/WhenTag.java
* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/el/core/ParamTag.java
*
/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
jar/org/apache/taglibs/standard/tag/common/core/DeclareTag.java

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* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/ModulusOperator.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tei/Util.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/ExpressionString.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/common/core/ForEachSupport.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/PropertySuffix.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/common/fmt/SetBundleSupport.java
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 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
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 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
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 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/common/xml/JSTLPrefixResolver.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/el/sql/TransactionTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/BinaryOperatorExpression.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/UnaryOperator.java
 *
 /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
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 jar/org/apache/taglibs/standard/tag/rt/core/SetTag.java
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 jar/org/apache/taglibs/standard/tlv/JstlCoreTLV.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/rt/xml/ExprTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/lang/jstl/UnaryMinusOperator.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/el/fmt/ParseDateTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
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 *
 /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/javax/servlet/jsp/jstl/sql/ResultSupport.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-

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 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
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 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
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 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
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 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
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 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/common/xml/IfTag.java
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 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/javax/servlet/jsp/jstl/fmt/LocaleSupport.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-
 jar/org/apache/taglibs/standard/tag/el/xml/TransformTag.java
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 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/rt/core/OutTag.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/test/PageContextImpl.java
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 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/ELEvaluator.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/test/EvaluationTest.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/EnumeratedMap.java
 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/LessThanOrEqualsOperator.java
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 * /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/javax/servlet/jsp/jstl/core/Config.java
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* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/common/core/SetSupport.java

* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/test/beans/PrivateBean2d.java

* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/common/fmt/RequestEncodingSupport.java

* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tag/el/core/WhenTag.java

* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/test/beans/Factory.java

* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/tei/XmlParseTEI.java

*

/opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/RelationalOperator.java

* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/extra/spath/SPathTag.java

* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/ValueSuffix.java

* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/test/beans/PublicInterface2.java

* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/IntegerLiteral.java

* /opt/cola/permits/1000765284_1646171570.06/0/standard-1-1-2-sources-jar/org/apache/taglibs/standard/lang/jstl/NotOperator.java

1.94 multipath-tools 0.4.9-111.el7

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Version 2, June 1991

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[This is the first released version of the library GPL. It is
 numbered 2 because it goes with version 2 of the ordinary GPL.]

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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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(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

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This option is useful when you wish to copy part of the code of the

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```
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Ty Coon, President of
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1.100 curl 7.26.0

1.100.1 Available under license :

License Mixing

=====

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zlib

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1.101 linux-kernel 3.0.31

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```
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```
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The hypothetical commands

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TI DSP/Bridge Driver - Contributors File

The DSP/Bridge project wish to thank all of its contributors, current bridge driver is the result of the work of all of them. If any name is accidentally omitted, let us know by sending a mail to omar.ramirez@ti.com or x095840@ti.com.

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Bhavin Shah
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Roman Tereshonkov
Armando Uribe de Leon
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Wenbiao Wang

```

/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather
lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
*    combined, allow nicstar_free_rx_skb to be called to
*    recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
*
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* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
*
* M. Welsh, 6 July 1996
*
*
*/

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<title>K</title>
<para>
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<para>
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<title>M</title>

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<quote>Endorsements</quote>. Such

a section may not be

included in the <link linkend="fdl-modified">Modified

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<sect1 id="fdl-section5">

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</sect1>

<sect1 id="fdl-section6">

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<sect1 id="fdl-section7">

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<sect1 id="fdl-section10">

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<sect1 id="fdl-using">

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```
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#define __LICENSE_H
```

```
static inline int license_is_gpl_compatible(const char *license)
{
    return (strcmp(license, "GPL") == 0
        || strcmp(license, "GPL v2") == 0
        || strcmp(license, "GPL and additional rights") == 0
        || strcmp(license, "Dual BSD/GPL") == 0
        || strcmp(license, "Dual MIT/GPL") == 0
        || strcmp(license, "Dual MPL/GPL") == 0);
}
```

```
#endif
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```

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for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacompt.it>

for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login
procedure and CyberLogin is no longer used.)

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for the nxt2004 frontend driver

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for merging the nxt2002 and nxt2004 modules into a
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1.102 openssh 5.6p1

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* @version 3.0 (December 2000)

*

* 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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*/
```

```
/* OPENBSD ORIGINAL: sys/sys/poll.h */
```

```
#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifdef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_
```

```
typedef struct pollfd {
    int fd;
    short events;
    short revents;
} pollfd_t;
```

```
typedef unsigned int nfds_t;
```

```
#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif
```

```

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

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

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

#ifndef HAVE_WAITPID
/* Clean out any potential issues */
#undef WIFEXITED
#undef WIFSTOPPED
#undef WIFSIGNALED

/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
#define WIFEXITED(w) (!((_W_INT(w)) & 0377))
#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)
#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))
#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w) >> 8) & 0377) : -1)
#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)

```

```

#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

/* Prototype */
pid_t waitpid(int,
int *, int);

#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */
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#ifndef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif

```

1.103 also 1.0.25

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Any executables

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1.104 protobuf-c 1.2.1

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1.105 json-simple 1.1.1

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1.106 c-ares 1.12.0

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1.107 regexp 2.7.1

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1.108 jersey-client 2.12

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jar/org/glassfish/jersey/client/spi/Connector.java
* /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-
jar/org/glassfish/jersey/client/filter/EncodingFeature.java
* /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-
jar/org/glassfish/jersey/client/ClientFilteringStages.java
* /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-
jar/org/glassfish/jersey/client/CustomProvidersFeature.java
* /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-
jar/org/glassfish/jersey/client/ChunkedInput.java
* /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-
jar/org/glassfish/jersey/client/JerseyClientBuilder.java
*
/opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-
jar/org/glassfish/jersey/client/ResponseCallback.java

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- * /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/InboundJaxrsResponse.java
- * /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/ClientProperties.java
- * /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/ClientResponse.java
- * /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/ClientAsyncExecutorFactory.java
- * /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/filter/EncodingFilter.java
- * /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/JerseyWebTarget.java
- *
- /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/ClientConfig.java
- * /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/RequestProcessingInitializationStage.java
- * /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-

jar/org/glassfish/jersey/client/ClientRequest.java

* /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-

jar/org/glassfish/jersey/client/ClientBinder.java

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* /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/Initializable.java
* /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/spi/CachingConnectorProvider.java
* /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/authentication/package-info.java
* /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/ServiceLocatorClientProvider.java
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- * /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/authentication/BasicAuthenticator.java
- * /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-jar/org/glassfish/jersey/client/RequestEntityProcessing.java

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jar/org/glassfish/jersey/client/JerseyInvocation.java
* /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-
jar/org/glassfish/jersey/client/URLConnectionor.java
* /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-
jar/org/glassfish/jersey/client/JerseyClient.java
* /opt/cola/permits/1000969906_1654022905.549617/0/jersey-client-2-12-sources-
jar/org/glassfish/jersey/client/filter/CsrfProtectionFilter.java

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1.109 jersey-guava 2.12

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jar/jersey/repackaged/com/google/common/collect/GeneralRange.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/primitives/ParseRequest.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/primitives/UnsignedLong.java
*

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/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/AbstractRangeSet.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/primitives/UnsignedInts.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
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jar/jersey/repackaged/com/google/common/collect/Count.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/RangeSet.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/ImmutableSortedMultiset.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/SortedIterables.java
*
```

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/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/primitives/UnsignedLongs.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/SortedIterable.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/primitives/UnsignedInteger.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/RegularImmutableSortedMultiset.java
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/*
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/base/Enums.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/cache/CacheLoader.java
*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/cache/RemovalListener.java
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jar/jersey/repackaged/com/google/common/cache/AbstractLoadingCache.java
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jar/jersey/repackaged/com/google/common/reflect/Types.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/AtomicLongMap.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/cache/Cache.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/cache/LoadingCache.java
*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/net/HostAndPort.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/cache/ForwardingLoadingCache.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/RegularImmutableMultiset.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/net/MediaType.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/cache/RemovalListeners.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/FutureCallback.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/reflect/TypeParameter.java
*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/cache/CacheStats.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/base/Optional.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/cache/AbstractCache.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingListeningExecutorService.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/AsyncFunction.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingCheckedFuture.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-

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jar/jersey/repackaged/com/google/common/math/LongMath.java
*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/cache/ForwardingCache.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/math/IntMath.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/base/Present.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/base/PairwiseEquivalence.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingExecutorService.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/math/BigIntegerMath.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/ExecutionError.java
*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/net/HttpHeaders.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/UncheckedExecutionException.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/cache/CacheBuilderSpec.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/cache/package-info.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/base/Ticker.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/hash/AbstractCompositeHashFunction.java
*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/base/Absent.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/math/DoubleUtils.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/Uninterruptibles.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/GwtTransient.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/WellBehavedMap.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/FutureFallback.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/hash/AbstractNonStreamingHashFunction.java
*

/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/util/concurrent/CycleDetectingLockFactory.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/math/DoubleMath.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/cache/RemovalCause.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/cache/RemovalNotification.java
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/io/NullOutputStream.java
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/*
* This file is a modified version of
* <http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/main/java/util/concurrent/AbstractExecutorService.java?revision=1.35>
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* Rationale for copying:
* Guava targets JDK5, whose AbstractExecutorService class lacks the newTaskFor protected
* customization methods needed by MoreExecutors.listeningDecorator. This class is a copy of
* AbstractExecutorService from the JSR166 CVS repository. It contains the desired methods.
*/

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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-

jar/jersey/repackaged/com/google/common/util/concurrent/AbstractListeningExecutorService.java
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```
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-  
jar/jersey/repackaged/com/google/common/io/BaseEncoding.java  
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-  
jar/jersey/repackaged/com/google/common/collect/ImmutableRangeSet.java  
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-  
jar/jersey/repackaged/com/google/common/collect/CartesianList.java  
*  
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-  
jar/jersey/repackaged/com/google/common/io/GwtWorkarounds.java  
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-  
jar/jersey/repackaged/com/google/common/hash/ChecksumHashFunction.java  
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-  
jar/jersey/repackaged/com/google/common/collect/ImmutableRangeMap.java  
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- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/Murmur3_128HashFunction.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/PrimitiveSink.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/EmptyImmutableSortedMultiset.java
- *
- /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/Hasher.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/AbstractHasher.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/TreeRangeSet.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/HashFunction.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/Funnels.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/BoundType.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/HashCodes.java
- *
- /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/AbstractStreamingHashFunction.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/BloomFilter.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/BloomFilterStrategies.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/Queues.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/Hashing.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/AbstractSortedMultiset.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/Funnel.java
- *
- /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/Murmur3_32HashFunction.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/RegularContiguousSet.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/HashCode.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/MessageDigestHashFunction.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-

jar/jersey/repackaged/com/google/common/collect/DescendingImmutableSortedMultiset.java
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/cache/LongAdder.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/util/concurrent/AtomicDoubleArray.java
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/base/Strings.java

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/RowSortedTable.java

*

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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/base/Ascii.java

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingBlockingQueue.java

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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/SortedMapDifference.java

*

/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/util/concurrent/UncaughtExceptionHandler.java

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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/ForwardingSortedSetMultimap.java

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/util/concurrent/ListeningExecutorService.java

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/util/concurrent/ThreadFactoryBuilder.java

*

/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/AbstractSequentialIterator.java

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/annotations/Beta.java

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/primitives/package-info.java

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/net/package-info.java

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jar/jersey/repackaged/com/google/common/collect/DiscreteDomains.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/UnmodifiableListIterator.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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jar/jersey/repackaged/com/google/common/collect/ContiguousSet.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/ComputingConcurrentHashMap.java

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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/util/concurrent/UncheckedTimeoutException.java

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/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/io/PatternFilenameFilter.java

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/util/concurrent/TimeLimiter.java

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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/io/AppendableWriter.java

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/util/concurrent/Futures.java

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/base/CaseFormat.java

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/util/concurrent/FakeTimeLimiter.java

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- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/reflect/MutableTypeToInstanceMap.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/DescendingImmutableSortedSet.java
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- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/RegularImmutableAsList.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/io/ByteSink.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/ForwardingBlockingDeque.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/TransformedListIterator.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/util/concurrent/ServiceManager.java
- *
- /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/reflect/TypeToInstanceMap.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/cache/LongAddable.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/ForwardingImmutableSet.java
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- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/reflect/ImmutableTypeToInstanceMap.java
- * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/reflect/ClassPath.java
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/FilteredMultimap.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/util/concurrent/RateLimiter.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/cache/LongAddables.java
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/io/CharSink.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/ForwardingDeque.java
*
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/hash/AbstractByteHasher.java
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/io/ByteProcessor.java
*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/RegularImmutableList.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/net/InternetDomainName.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/SingletonImmutableList.java
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/primitives/AndroidInteger.java
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/base/FunctionalEquivalence.java
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/*

* Regarding newSetForMap() and SetFromMap:

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jar/jersey/repackaged/com/google/common/collect/Sets.java

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Found in path(s):

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/EmptyImmutableMultiset.java

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*

* As of 2010/06/11, this method is identical to the (package private) hash
* method in OpenJDK 7's java.util.HashMap

class.

*/

Found in path(s):

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/Striped.java

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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/MapMaker.java

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/Cut.java

* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/MapMakerInternalMap.java

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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/Iterables.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/base/package-info.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/base/Function.java
*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/base/Charsets.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/eventbus/AsyncEventBus.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/io/LineReader.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/Synchronized.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/EmptyImmutableList.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/TreeMultimap.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/NullsLastOrdering.java
*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/AbstractSetMultimap.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/AbstractMultiset.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/SetMultimap.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/base/FinalizableReference.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/ForwardingQueue.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-

jar/jersey/repackaged/com/google/common/collect/package-info.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/ByFunctionOrdering.java
*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/io/LittleEndianDataOutputStream.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/io/LimitInputStream.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/ExecutionList.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/NaturalOrdering.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/MapConstraint.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/package-info.java
*
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jar/jersey/repackaged/com/google/common/collect/Interner.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/eventbus/DeadEvent.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/io/CharStreams.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/ExplicitOrdering.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/io/LittleEndianDataInputStream.java
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/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/ForwardingObject.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/io/Files.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/ForwardingSortedSet.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/HashMultimap.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/SortedSetMultimap.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/base/Functions.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/io/CountingInputStream.java


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*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/AbstractMapBasedMultimap.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/primitives/Primitives.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/base/Throwables.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/Maps.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/eventbus/EventHandler.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/eventbus/SynchronizedEventHandler.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/LinkedHashMultiset.java
*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/AbstractSortedSetMultimap.java
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/AbstractListMultimap.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/io/MultiInputStream.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/ReverseNaturalOrdering.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/ObjectArrays.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/ForwardingConcurrentMap.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/Multiset.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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jar/jersey/repackaged/com/google/common/collect/ImmutableSet.java
*
/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/LinkedListMultimap.java

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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
 jar/jersey/repackaged/com/google/common/collect/ForwardingListIterator.java
 * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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 * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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 * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
 jar/jersey/repackaged/com/google/common/collect/Constraints.java
 * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
 jar/jersey/repackaged/com/google/common/collect/ForwardingMultimap.java
 * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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 *
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 * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
 jar/jersey/repackaged/com/google/common/eventbus/package-info.java
 * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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 * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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 *
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 * /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-

jar/jersey/repackaged/com/google/common/eventbus/HandlerFindingStrategy.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/TreeMultiset.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/util/concurrent/ListenableFuture.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/MapConstraints.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/ImmutableList.java
*
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jar/jersey/repackaged/com/google/common/base/Suppliers.java
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jar/jersey/repackaged/com/google/common/eventbus/AnnotatedHandlerFinder.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/RegularImmutableSet.java
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jar/jersey/repackaged/com/google/common/io/LineBuffer.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/Iterators.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
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/opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/BiMap.java
* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-jar/jersey/repackaged/com/google/common/collect/Constraint.java
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/HashBiMap.java
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* /opt/cola/permits/1000970039_1646171610.03/0/jersey-guava-2-12-sources-
jar/jersey/repackaged/com/google/common/collect/EnumMultiset.java
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jar/jersey/repackaged/com/google/common/net/TldPatterns.java
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The of the start-stop-daemon

* A rewrite

of the original Debian's start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
*
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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1.111 xml-beans 2.4.0

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1.112 regexp 1.2

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1.113 c-ares 1.6.0

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1.114 pcre 8.11

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1.115 busybox 1.2.2

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1.116 busybox 1.23.1

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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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1.117 busybox 1.10.2

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

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=====

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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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1.118 libjpeg 8b

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The Independent JPEG Group's JPEG software

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README for release 9c of 14-Jan-2018

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

DOCUMENTATION ROADMAP

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This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty,
 terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
ACKNOWLEDGMENTS Special thanks.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

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

Programmer and internal documentation:

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

Please read at least the files install.txt and usage.txt. Some information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

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This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and grayscale images.

This software implements JPEG baseline, extended-sequential, and progressive

compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.

We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software

Foundation but is freely distributable.

The same holds for its supporting scripts (config.guess, config.sub, ltmain.sh). Another support script, install-sh, is copyright by X Consortium but is also freely distributable.

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

support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

REFERENCES

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We recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44.

(Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PDF file containing a revised version of Wallace's article is available at <http://www.ijg.org/files/Wallace.JPEG.pdf>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general.

The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best currently available description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2).

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

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

coding domain.

The original JPEG standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

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

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

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

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from <http://www.ijg.org/files/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note.

ARCHIVE LOCATIONS

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The "official" archive site for this software is www.ijg.org.
The most recent released version can always be found there in

directory "files". This particular version will be archived as <http://www.ijg.org/files/jpegsrc.v9c.tar.gz>, and in Windows-compatible "zip" archive format as <http://www.ijg.org/files/jpegsr9c.zip>.

The JPEG FAQ (Frequently Asked Questions) article is a source of some general information about JPEG.

It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other news.answers archive sites,

including the official news.answers archive at [rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/](ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/).

If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

send usenet/news.answers/jpeg-faq/part1

send usenet/news.answers/jpeg-faq/part2

ACKNOWLEDGMENTS

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

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

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

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

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

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

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

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

Thank to Andrew Finkenstadt for hosting the ijg.org site.

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

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

FILE FORMAT WARS

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The ISO/IEC JTC1/SC29/WG1 standards committee (previously known as JPEG, together with ITU-T SG16) currently promotes different formats containing the name "JPEG" which is misleading because these formats are incompatible with original DCT-based JPEG and are based on faulty technologies. IJG therefore does not and will not support such momentary mistakes (see REFERENCES).

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

We have no sympathy for the promotion of inferior formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, interoperable format standards for JPEG files. Don't use an incompatible file format!

(In any case, our decoder will remain capable of reading existing JPEG image files indefinitely.)

The ISO committee pretends to be "responsible for the popular JPEG" in their public reports which is not true because they don't respond to actual requirements for the maintenance of the original JPEG specification.

Furthermore,

the ISO committee pretends to "ensure interoperability" with their standards which is not true because their "standards" support only application-specific and proprietary use cases and contain mathematically incorrect code.

There are currently different distributions in circulation containing the name "libjpeg" which is misleading because they don't have the features and are incompatible with formats supported by actual IJG libjpeg distributions. One of those fakes is released by members of the ISO committee and just uses the name of libjpeg for misdirection of people, similar to the abuse of the name JPEG as described above, while having nothing in common with actual IJG libjpeg distributions and containing mathematically incorrect code.

The other one claims to be a "derivative" or "fork" of the original libjpeg, but violates the license conditions as described under LEGAL ISSUES above and violates basic C programming properties.

We have no sympathy for the release of misleading, incorrect and illegal distributions derived from obsolete code bases. Don't use an obsolete code base!

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

A partial list of foreclosed institutions and corporations ("Hall of Shame") is currently prepared and will be published later.

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

Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org.

1.119 web-services 1.0

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1.120 java-tar 2.5

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c

1.126 jersey-bundle 1.3

1.127 apr 1.2.8

1.128 bcel 2.6.0

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1.129 spring-binding 1.0.4

1.130 postgresql-jdbc 9.4.1208.jre6

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Manifest-Version: 1.0
Bnd-LastModified: 1455914046921
Build-Jdk: 1.8.0_66
Built-By: vladimirsitnikov
Bundle-Activator: org.postgresql.osgi.PGBundleActivator
Bundle-Copyright: Copyright (c) 2003-2015, PostgreSQL Global Development Group
Bundle-Description: Java JDBC 4.0 (JRE 6+) driver for PostgreSQL databases
Bundle-DocURL: <http://jdbc.postgresql.org/>
Bundle-License: <http://www.postgresql.org/about/licence/>
Bundle-ManifestVersion: 2
Bundle-Name: PostgreSQL JDBC Driver JDBC40
Bundle-SymbolicName: org.postgresql.jdbc40
Bundle-Vendor: PostgreSQL Global Development Group
Bundle-Version: 9.4.1208.jre6
Created-By: Apache Maven Bundle Plugin
Export-Package: org.postgresql;version="9.4.1208.jre6";uses:="org.postgresql.copy,org.postgresql.fastpath,org.postgresql.largeobject,org.postgresql.util",org.postgresql.copy;version="9.4.1208.jre6";uses:="org.postgresql,org.postgresql.core",org.postgresql.core;version="9.4.1208.jre6";uses:="javax.net,org.postgresql,org.postgresql.copy,org.postgresql.jdbc,org.postgresql.util",org.postgresql.core.v2;version="9.4.1208.jre6";uses:="javax.net,org.postgresql.copy,org.postgresql.core,org.postgresql.jdbc,org.postgresql.util",org.postgresql.core.v3;version="9.4.1208.jre6";uses:="org.postgresql.copy,org.postgresql.core,org.postgresql.jdbc,org.postgresql.util",org.postgresql.ds;version="9.4.1208.jre6";uses:="java

x.naming,javax.sql,org.postgresql.ds.common",org.postgresql.ds.common;version="9.4.1208.jre6";uses:="javax.naming,javax.naming.spi,org.postgresql",org.postgresql.fastpath;version="9.4.1208.jre6";uses:="org.postgresql.core",org.postgresql.geometric;version="9.4.1208.jre6";uses:="org.postgresql.util",org.postgresql.gss;version="9.4.1208.jre6";uses:="javax.security.auth.callback,org.postgresql.core",org.postgresql.hostchooser;version="9.4.1208.jre6";uses:="org.postgresql.util",org.postgresql.jdbc;version="9.4.1208.jre6";uses:="javax.xml.transform,org.postgresql,org.postgresql.copy,org.postgresql.core,org.postgresql.fastpath,org.postgresql.jdbc2,org.postgresql.largeobject,org.postgresql.util",org.postgresql.jdbc2;version="9.4.1208.jre6",org.postgresql.jdbc2.optional;version="9.4.1208.jre6";uses:="org.postgresql.ds",org.postgresql.jdbc3;version="9.4.1208.jre6";uses:="org.postgresql.ds",org.postgresql.largeobject;version="9.4.1208.jre6";uses:="org.postgresql.core,org.postgresql.fastpath",org.postgresql.osgi;version="9.4.1208.jre6";uses:="javax.sql,org.osgi.framework,org.osgi.service.jdbc",org.postgresql.ssl;version="9.4.1208.jre6";uses:="javax.net.ssl,org.postgresql.core,org.postgresql.util",org.postgresql.ssl.jdbc4;version="9.4.1208.jre6";uses:="javax.net.ssl,javax.security.auth.callback,org.postgresql.ssl,org.postgresql.util",org.postgresql.sspi;version="9.4.1208.jre6";uses:="com.sun.jna,org.postgresql.core",org.postgresql.translation;version="9.4.1208.jre6",org.postgresql.util;version="9.4.1208.jre6";uses:="org.postgresql.core",org.postgresql.xa;version="9.4.1208.jre6";uses:="javax.naming,javax.sql,javax.transaction.xa,org.postgresql.core,org.postgresql.ds,org.postgresql.ds.common"

Implementation-Title: PostgreSQL JDBC Driver - JDBC 4.0

Implementation-Vendor: PostgreSQL Global Development Group

Implementation-Vendor-Id: org.postgresql

Implementation-Version: 9.4.1208.jre6

Import-Package: javax.sql,javax.transaction.xa,javax.naming,com.sun.jna;resolution:=optional,com.sun.jna.platform.win32;resolution:=optional,com.sun.jna.ptr;resolution:=optional,com.sun.jna.win32;resolution:=optional,javax.crypto;resolution:=optional,javax.crypto.spec;resolution:=optional,javax.naming.ldap;resolution:=optional,javax.naming.spi;resolution:=optional,javax.net;resolution:=optional,javax.net.ssl;resolution:=optional,javax.security.auth;resolution:=optional,javax.security.auth.callback;resolution:=optional,javax.security.auth.login;resolution:=optional,javax.security.auth.x500;resolution:=optional,javax.xml.parsers;resolution:=optional,javax.xml.stream;resolution:=optional,javax.xml.transform;resolution:=optional,javax.xml.transform.dom;resolution:=optional,javax.xml.transform.sax;resolution:=optional,javax.xml.transform.stax;resolution:=optional,javax.xml.transform.stream;resolution:=optional,org.ietf.jgss;resolution:=optional,org.osgi.framework;resolution:=optional;version="[1.6,2)",org.osgi.service.jdbc;resolution:=optional;version="[1.0,2)",org.w3c.dom;resolution:=optional,org.xml.sax;resolution:=optional,waffle.windows.auth;resolution:=optional,waffle.windows.auth.impl;resolution:=optional

Main-Class: org.postgresql.util.PGJDBCMain

Require-Capability: osgi.ee;filter:="(&!(osgi.ee=J2SE)(osgi.ee=JavaSE))
(version>=1.6)"
Specification-Title: JDBC
Specification-Vendor: Oracle Corporation
Specification-Version: 4.0
Tool: Bnd-2.3.0.201405100607

Found

in path(s):

* /opt/cola/permits/1001478159_1605683933.85/0/9-4-1208-tar/9_4_1208/postgresql-9-4-1208-jre6-jar/META-INF/MANIFEST.MF

1.131 bsf 2.4.0

1.131.1 Available under license :

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1.132 mtd-utils 1.5.1

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```
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```

The hypothetical commands

```
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1.136 mtd-utils 2.0.0

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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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The End

1.141 datatype 1.4.01

1.141.1 Available under license :

xml-commons/java/external/README.dom.txt \$Id: README.dom.txt 477038 2006-11-20 04:40:36Z mrglavas \$

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1.142 openssh 5.6

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* @version 3.0 (December 2000)

*

* 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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*/


```

/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifdef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_

typedef struct pollfd {
    int fd;
    short events;
    short revents;
} pollfd_t;

typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif

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

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

```

```

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

```

```

#ifndef HAVE_WAITPID

```

```

/* Clean out any potential issues */

```

```

#undef WIFEXITED

```

```

#undef WIFSTOPPED

```

```

#undef WIFSIGNALED

```

```

/* Define required functions to mimic a POSIX look and feel */

```

```

#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */

```

```

#define WIFEXITED(w) (!((_W_INT(w)) & 0377))

```

```

#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)

```

```

#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))

```

```

#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w)) >> 8) & 0377) : -1)

```

```

#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w)) & 0177) : -1)

```

```

#define WCOREFLAG 0x80

```

```

#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

```

```

/* Prototype */

```

```

pid_t waitpid(int,
int *, int);

```

```

#endif /* !HAVE_WAITPID */

```

```

#endif /* _BSD_WAITPID_H */

```

```

/*

```

```

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```

```

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```
#ifndef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif
```

1.143 datatype 1.0

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Version 3, 29 June 2007

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FIRST NOTE:

This file contains some details about the copyright history of contributions to the UnZip project.

Additionally, it summarises some exceptions to the general BSD-like copyright found in LICENSE that covers our generic code and most of the system specific ports.

Please read LICENSE first to find out what is allowed to do with Info-ZIP's UnZip code.

There are currently two explicit copyrights on portions of UnZip code (at least, of which Info-ZIP is aware):

Jim Luther's Mac OS File Manager interface code; and Christopher Evans' MacBinaryIII coding code (for the MacOS port).. These copyrights are discussed in more detail below.

All remaining code is now (starting with UnZip version 5.41) covered by the new Info-ZIP license. For details, please read the accompanying file LICENSE. The terms and conditions in this license supersede the copyright conditions of the contributions by Igor Mandrichenko (vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c), Mike White (Windows DLL code in "windll/*"), Steve P. Miller (Pocket UnZip GUI "wince/*"), and Mark Adler (inflate/explode decompression core routines, previously put into the public domain). All these Info-ZIP contributors (or "primary" authors) have permitted us to replace their copyright notes by the Info-ZIP License.

Frequently Asked Questions regarding (re)distribution of Zip and UnZip are near the end of this file.

There are no known patents on any of the code in UnZip. Unisys claims a patent on LZW encoding and on LZW decoding in an apparatus that performs LZW encoding, but the patent appears to exempt a stand-alone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed otherwise, but the issue has never been tested in court. Since this point is unclear, unshrinking is not enabled by default. It is the responsibility of the user to make his or her peace with Unisys and its licensing requirements. (unshrink.c may be removed from future releases altogether.)

The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access

rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip

5.42, the complete

core code is now covered by the Info-ZIP Licence. Therefore, support for the reduce method has been removed.

The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program.

For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

The following copyright applies to the Mac OS File Manager interface code (macos/source/macstuff.[ch]), distributed with UnZip 5.4 and later:

```
* MoreFiles
*
* A collection of File Manager and related routines
*
* by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
* with significant code contributions by Nitin Ganatra
* (Apple Macintosh Developer Technical Support Emeritus)
* Copyright 1992-1998
```

Apple Computer, Inc.

```
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* The Package "More Files" is distributed under the following
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*
* "You may incorporate this sample code into your
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* redistribute the source, we require that you make
* it clear in the source that the code was descended
* from Apple Sample Code, but that you've made
* changes."
```

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The following
copyright applies to the Mac OS "macbin3" decoding code
(extra field compatibility with ZipIt):

```
* MacBinaryIII.h
*
* Copyright 1997 Christopher Evans (cevans@poppybank.com)
*
* Basic encoding and decoding of Macintosh files to the
* MacBinary III spec.
* -----
* This source is copyrighted by Christopher Evans (cevans@poppybank.com)
* (available at ftp://ftp.lazerware.com/MacBinaryIII_src_C.sit
* homepage of Leonard Rosenthol leonardr@netcom.com)
```

This copyright note does not contain any usage terms. So, we assume
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original authors. They are cited here for historical reasons,
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The following copyright applies to the full-featured unreduce.c
(now distributed separately):

```
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*
* Do not distribute modified versions without my permission.
* Do not remove or alter this notice or any other copyright notice.
* If you use this in your own program you must distribute source code.
* Do not use any of this in a commercial product.
```

Regarding the first stipulation, Mr. Smith was tracked down in southern
California some years back [Samuel H. Smith, The Tool Shop; as of mid-
May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS),
71150.2731@compuserve.com]:

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

Despite the fact that our "normal" code has been entirely rewritten
and by default

no longer contains any of Mr. Smith's code, Info-ZIP
remains indebted and grateful to him. We hope he finds our contribu-
tions as useful as we have his.

Note that the third and fourth stipulations still apply to any com-
pany that wishes to incorporate the unreduce code into its products;
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- * condition: namely, that my name not be removed from the source
- * code. (Other names may, of course, be added as modifications
- * are made.) Corporate legal staff (like at IBM :-) who have
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The following copyright applied to the Windows DLL code (windll/*),
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UnZip," distributed with UnZip version 5.3 and later:

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- * Miller. The product "Pocket UnZip" itself is property of the
- * author and cannot be altered in any way without written consent
- * from Steve P. Miller.

The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

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

1.146 libsrtp 3.2

1.146.1 Available under license :

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- \*/

## 1.147 attr 1.1.0

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# 1.148 augeas 0.13.1

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Version 2.1, February 1999

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ``work based on the library" and a ``work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

@subheading TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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@item

This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called ``this License"). Each licensee is addressed as ``you".

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

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it,

either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

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

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.

@item

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The modified work must itself be a software library.

@item



You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

@item

You must

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

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

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

@end enumerate

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.

@item

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.

@item

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

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

When a ``work that uses the Library'' uses material from a header file that is part of the Library, the object code for the work may be a

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

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.

@item

As an exception to the Sections above, you may also combine or link a ``work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work 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:

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

@item

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

@item

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

@item

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

@item

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

@end enumerate

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

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

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

@item

Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

@end enumerate

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@end enumerate

@subheading END OF TERMS AND CONDITIONS

@page

@subheading How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

@smallexample

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

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@end

smallexample

Also add information on how to contact you by electronic and paper mail.

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

@smallexample

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

Ty Coon, President of Vice



@end smallexample

That's all there is to it!

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@center Version 2, June 1991

@c This file is intended to be included within another document,

@c hence no sectioning command or @node.

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Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program).

Whether that is true depends on what the Program does.

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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

@item

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

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

@end enumerate

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based

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

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

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Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

@item

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

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

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

special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

@smallexample

@var{one line to give the program's name  
and a brief idea of what it does.}

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@end smallexample

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Gnomovision version

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@example

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The

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```
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```
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```
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These requirements

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Upstream source <https://invisible-island.net/ncurses/ncurses.html>

This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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## 1.166 attr 1.1.0

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## 1.172 zlib unknown

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## 1.173 zbar 0.2.0

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Version 2.1, February 1999

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#

.gitignore

#

builds/unix/pkg.m4

#

docs/FTL.TXT

docs/GPLv2.TXT

#

include/freetype/internal/fthash.h

#

src/base/fthash.c

src/base/md5.c

src/base/md5.h

#

src/bdf/bdf.c

src/bdf/bdf.h

src/bdf/bdfdrivr.c

src/bdf/bdfdrivr.h



```
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
#
EOF
```

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src/audio/au_wince.c
src/utls/cst_file_stdio.c
src/utls/cst_mmap_posix.c
src/utls/cst_mmap_win32.c
src/utls/cst_mmap_none.c
src/utls/cst_file_wince.c
sapi/

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src/regex/regexp.c
src/regex/regsub.c

```

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lang/usenglish/us\_durz\_cart.c

lang/usenglish/us\_durz\_cart.h

lang/usenglish/us\_int\_accent\_cart.c

lang/usenglish/us\_int\_accent\_cart.h

lang/usenglish/us\_int\_tone\_cart.c

lang/usenglish/us\_int\_tone\_cart.h

lang/usenglish/us\_phoneset.c

lang/usenglish/us\_f0lr.c

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configure.sub

config.guess

missing

install-sh

mkinstalldirs

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src/speech/g72x.h

src/speech/g721.c

src/speech/g72x.c

src/speech/g723\_24.c

src/speech/g723\_40.c

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lang/cmu\_grapheme\_lex/grapheme\_unitran\_tables.c

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/\* Ported for Festvox by Gopala Anumachipalli gopalakr@cs.cmu.edu Sep 2012 \*/

/\* Then converted to C for CMU Flite (cmuflite.org) \*/

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Any executables

containing that work also fall under Section 6,

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## 1.187 pcre 8.35

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-----

Written by: Philip Hazel  
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## 1.188 relaxng-datatype 1.0

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## 1.190 procps 3.2.8

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Version 2, June 1991
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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.

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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.

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

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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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## 1.191 wpa-supPLICANT 2.1-devel

### 1.191.1 Available under license :

wpa\_suppld and hostapd

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## 1.192 glib 2.28.8

## 1.193 uclibc unknown

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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

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

Otherwise, if the work is a derivative of the Library, you may

distribute the object code for the work under the terms of Section 6.

Any executables

containing that work also fall under Section 6,

whether or not they are linked directly with the Library itself.

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

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

installs one, as long as the modified version is

interface-compatible with the version that the work was made with.

c) 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.

d) 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.

e) 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 materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

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This section is intended to make thoroughly clear what is believed to

be a consequence of the rest of this License.

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>  
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library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

/\*

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\*

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\*/

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\*

\* The linux operating system generally contains large amounts of code

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\*  
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\* long as the form of the shared library is such that it is possible for  
\* the end user to modify and rebuild the library and use it in  
\* conjunction with the program executable.  
\*/  
/\* \_setjmp in setjmp.S \*/  
/\* setjmp in setjmp.S \*/  
From gsf@research.att.com Wed Mar 1 20:30:54 2006  
Return-Path: <gsf@research.att.com>  
X-Original-To: mps@bridge.intra  
Delivered-To: mps@bridge.intra  
Received: from localhost (localhost [127.0.0.1])  
by localhost (Postfix) with ESMTP id B8C814E4F  
for <mps@bridge.intra>; Wed, 1 Mar 2006 20:30:53 +0100 (CET)  
Received: from mail.bridge.intra ([127.0.0.1])  
by localhost (lnx.bridge.intra [127.0.0.1]) (amavisd-new, port 10024)  
with LMTP id 05987-03 for <mps@bridge.intra>;  
Wed, 1 Mar 2006 20:30:42 +0100 (CET)  
Received: from pop.gmx.net (localhost [127.0.0.1])  
by mail.bridge.intra (Postfix) with ESMTP id C8C73794D  
for <mps@bridge.intra>; Wed, 1 Mar 2006 20:30:38 +0100 (CET)  
X-Flags: 0000  
Delivered-To: GMX delivery to ps.m@gmx.net  
Received: (gmail invoked by alias); 01 Mar 2006 19:23:46 -0000  
Received: from mail-red.research.att.com (EHLO mail-white.research.att.com) [192.20.225.110]  
by mx0.gmx.net (mx085) with SMTP; 01 Mar 2006 20:23:46 +0100  
Received: from raptor.research.att.com (raptor.research.att.com  
[135.207.23.32])  
by mail-blue.research.att.com (Postfix) with ESMTP id B7929147CBB  
for <ps.m@gmx.net>; Wed, 1 Mar 2006 14:23:45 -0500 (EST)  
Received: (from gsf@localhost)  
by raptor.research.att.com (SGI-8.9.3p2/8.8.7) id OAA86112  
for ps.m@gmx.net; Wed, 1 Mar 2006 14:23:45 -0500 (EST)  
Date: Wed, 1 Mar 2006 14:23:45 -0500 (EST)  
From: Glenn Fowler <gsf@research.att.com>  
Message-Id: <200603011923.OAA86112@raptor.research.att.com>  
Organization: AT&T Research  
X-Mailer: mailx (AT&T/BSD) 9.9 2005-04-21  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
References: <Pine.LNX.4.44.0603012011250.6386-100000@lnx.bridge.intra>

To: mps@bridge.intra  
Subject: Re: testregex licensing question  
X-GMX-Antivirus: -1 (not scanned, may not use virus scanner)  
X-GMX-Antispam: 0 (Mail was not recognized as spam)  
X-GMX-UID: IJF3ZO9DeSEkJ2TcbHQhaXN1IGRvb0Ca  
X-Virus-Scanned: by amavisd-new at localhost  
Status: RO  
X-Status:  
X-Keywords:  
  
X-UID: 44736

you may include it directly  
retain the testregex.c header comment  
it uses a very free license to maximize distribution  
you can copy that .c comment to any test data files you use  
using # comment style to be complete

let me know how it works with your libc  
also pass on any new tests you cook up

On Wed, 1 Mar 2006 20:15:02 +0100 (CET) Peter S. Mazinger wrote:

> Hello Glenn!

> I would want to add testregex.c and the related \*.dat files to the uClibc  
> testsuite. uClibc is licensed under LGPL v2.1. I haven't found any  
> licensing related info on testregex.

> Is it allowed to use the code there, or should I accomodate the testsuite  
> to download the needed files from the original site each time it is ran?

> Thanks, Peter

> --

> Peter S. Mazinger <ps dot m at gmx dot net> ID: 0xA5F059F2  
> Key fingerprint = 92A4 31E1 56BC 3D5A 2D08 BB6E C389 975E A5F0 59F2  
Licensed under the LGPL v2.1, see the file COPYING.LIB in this tarball.

## 1.194 direct-fb unknown

### 1.194.1 Available under license :

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Version 2.1, February 1999

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[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

#### Preamble

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This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

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We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.



In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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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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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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

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

c) 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.

d) 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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## 1.202 glibc 2.20

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## 1.203 tcpdump 4.1.1

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## 1.205 curl 7.26.0

### 1.205.1 Available under license :

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

One common dilemma is that [GPL](<https://www.gnu.org/licenses/gpl.html>)

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#### ## libcurl

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## ## libidn

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## 1.207 linux-kernel 3.2.0

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```

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## 1.213 icu 53

### 1.213.1 Available under license :

```
-makefile-
BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

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

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

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

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

Shared library options
```

LD\_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix

SO = so

## Non-shared intermediate object suffix

STATIC\_O = ao

## Compilation rules

%. \$(STATIC\_O): \$(srcdir)/%.c

\$(COMPILE.c) \$(STATICCPPFLAGS) \$(STATICCFLAGS) -o \$@ \$<

%.o: \$(srcdir)/%.c

\$(COMPILE.c)

\$(DYNAMICCPPFLAGS) \$(DYNAMICCFLAGS) -o \$@ \$<

%. \$(STATIC\_O): \$(srcdir)/%.cpp

\$(COMPILE.cc) \$(STATICCPPFLAGS) \$(STATICCXXFLAGS) -o \$@ \$<

%.o: \$(srcdir)/%.cpp

\$(COMPILE.cc) \$(DYNAMICCPPFLAGS) \$(DYNAMICCXXFLAGS) -o \$@ \$<

## Dependency rules

%.d: \$(srcdir)/%.c

@echo "generating dependency information for \$<"

@\$(SHELL) -ec '\$(GEN\_DEPS.c) \$< \

| sed "s/(\$\*)\.o[ :]\*/1.o \$@ : /g" > \$@; \

[ -s \$@ ] || rm -f \$@'

%.d: \$(srcdir)/%.cpp

@echo "generating dependency information for \$<"

@\$(SHELL) -ec '\$(GEN\_DEPS.cc) \$< \

| sed "s/(\$\*)\.o[ :]\*/1.o \$@ : /g" > \$@; \

[ -s \$@ ] || rm -f \$@'

## Versioned libraries rules

%. \$(SO).\$(SO\_TARGET\_VERSION\_MAJOR): %. \$(SO).\$(SO\_TARGET\_VERSION)

\$(RM) \$@ && ln -s \${<F} \$@

%. \$(SO): %. \$(SO).\$(SO\_TARGET\_VERSION\_MAJOR)

\$(RM) \$@ && ln -s \${\*F}. \$(SO).\$(SO\_TARGET\_VERSION) \$@

## Bind internal references

# LDflags that pkgdata will use

BIR\_LDFLAGS= -Wl,-Bsymbolic

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

BIR\_DEPS=

```

Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

End BSD-specific setup
```

# 1.214 dnsmasq 2.46

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```

```
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the Free Software Foundation; either version
2 of the License, or
(at your option) any later version.
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```
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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
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```

The hypothetical commands

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```
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```

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

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```
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include/GL/glxext.h
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 */
```

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```
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## 1.223 openjdk 11.0.7

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```
zlib v1.2.11
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```
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The Unicode Standard, Unicode Character Database, Version 10.0.0
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## jQuery Migrate v3.0.1

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include/GL/gl.h :

Mesa 3-D  
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include/GL/glxext.h  
include/GL/wglxext.h :

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## jopt-simple v5.0.4

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always starting with `./').
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Don't put empty lines into this file!
#
.gitignore
#
builds/unix/pkg.m4
#
docs/FTL.TXT
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
```

src/gzip/infblock.h  
src/gzip/infcodes.c  
src/gzip/infcodes.h  
src/gzip/inffixed.h  
src/gzip/inflate.c  
src/gzip/inftrees.c  
src/gzip/inftrees.h  
src/gzip/infutil.c  
src/gzip/infutil.h  
src/gzip/zconf.h  
src/gzip/zlib.h  
src/gzip/zutil.c  
src/gzip/zutil.h  
#  
src/tools/apinames.c  
src/tools/ftrandom/ftrandom.c  
#  
#  
EOF

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The hypothetical commands

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## 1.231 sipcc 1.0.0SM0.1

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archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/include/drm/i915\_drm.h

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archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/xf86drmMode.c

\* /opt/ws\_local/PERMITS\_SQL/1046344265\_1590604830.21/0/libdrm-2.4.23-1.el6-1.src.rpm-cosi-expand-  
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 archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/include/drm/nouveau\_drm.h  
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/\* mga\_drm.h -- Public header for the Matrox g200/g400 driver -\*- linux-c -\*-

\* Created: Tue Jan 25 01:50:01 1999 by jhartmann@precisioninsight.com

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archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/include/drm/mga\_drm.h

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/\* dristat.c --

\* Created: Mon Jan 15 05:05:07 2001 by faith@acm.org

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\* Authors: Rickard E. (Rik) Faith <faith@valinux.com>

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\*

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/\* xf86drmHash.c -- Small hash table support for integer -> integer mapping

\* Created: Sun Apr 18 09:35:45 1999 by faith@precisioninsight.com

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\* Authors: Rickard E. (Rik) Faith <faith@valinux.com>

\*

\* DESCRIPTION

\*

\* This file contains a straightforward implementation of a fixed-sized

\* hash table using self-organizing linked lists [Knuth73, pp. 398-399] for

\* collision resolution. There are two potentially interesting things

\* about this implementation:

\*

\* 1) The table is power-of-two sized. Prime sized tables are more

\* traditional, but do not have a significant advantage over power-of-two

\* sized table, especially when double hashing is not used for collision

\* resolution.

\*

\* 2) The hash computation  
uses a table of random integers [Hanson97,  
\* pp. 39-41].

\*

#### \* FUTURE ENHANCEMENTS

\*

\* With a table size of 512, the current implementation is sufficient for a  
\* few hundred keys. Since this is well above the expected size of the  
\* tables for which this implementation was designed, the implementation of  
\* dynamic hash tables was postponed until the need arises. A common (and  
\* naive) approach to dynamic hash table implementation simply creates a  
\* new hash table when necessary, rehashes all the data into the new table,  
\* and destroys the old table. The approach in [Larson88] is superior in  
\* two ways: 1) only a portion of the table is expanded when needed,  
\* distributing the expansion cost over several insertions, and 2) portions  
\* of the table can be locked, enabling a scalable thread-safe  
\* implementation.

\*

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\*

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\* 1988, pp. 446-457.

\*

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archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/xf86drmHash.c

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/\* xf86drmRandom.c -- "Minimal Standard" PRNG Implementation

\* Created: Mon Apr 19 08:28:13 1999 by faith@precisioninsight.com

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\* Authors: Rickard E. (Rik) Faith <faith@valinux.com>  
\*  
\* DESCRIPTION  
\*  
\* This file contains a simple, straightforward implementation of the Park  
\* & Miller "Minimal Standard" PRNG [PM88, PMS93], which is a Lehmer  
\* multiplicative linear congruential generator (MLCG) with a period of  
\*  $2^{31}-1$ .  
\*  
\* This implementation is intended to provide a reliable, portable PRNG  
\* that is suitable for testing a hash table implementation and for  
\* implementing skip lists.  
\*  
\* FUTURE ENHANCEMENTS  
\*  
\* If initial seeds are not selected randomly, two instances of the PRNG  
\* can be correlated.  
\* [Knuth81, pp. 32-33] describes a shuffling technique  
\* that can eliminate this problem.  
\*  
\* If PRNGs are used for simulation, the period of the current  
\* implementation may be too short. [LE88] discusses methods of combining  
\* MLCGs to produce much longer periods, and suggests some alternative  
\* values for A and M. [LE90 and Sch92] also provide information on  
\* long-period PRNGs.  
\*  
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* Authors:
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* Gareth Hughes <gareth@valinux.com>
* Keith Whitwell <keith@tungstengraphics.com>
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*/
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* /opt/ws_local/PERMITS_SQL/1046344265_1590604830.21/0/libdrm-2.4.23-1.el6-1.src.rpm-cosi-expand-
archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/include/drm/radeon_drm.h
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\* Eric Anholt <eric@anholt.net>

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archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/tests/gem\_mmap.c

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archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/intel/intel\_bufmgr\_priv.h

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\*

/opt/ws\_local/PERMITS\_SQL/1046344265\_1590604830.21/0/libdrm-2.4.23-1.el6-1.src.rpm-cosi-expand-archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/tests/gem\_readwrite.c

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/\* drmstat.c -- DRM device status and testing program

\* Created: Tue Jan 5 08:19:24 1999 by faith@precisioninsight.com

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archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/radeon/bof.h

\* /opt/ws\_local/PERMITS\_SQL/1046344265\_1590604830.21/0/libdrm-2.4.23-1.el6-1.src.rpm-cosi-expand-  
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archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/include/drm/savage\_drm.h  
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archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-  
2.4.23/nouveau/nouveau\_resource.c

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archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/nouveau/nouveau\_notifier.h

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archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/nouveau/nouveau\_device.c

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archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-  
2.4.23/nouveau/nouveau\_pushbuf.h

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fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/nouveau/nouveau\_grobj.h

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\* Gareth Hughes <gareth@valinux.com>  
\* Kevin E. Martin <martin@valinux.com>  
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\* Authors:  
\* Kristian Høgsberg <krh@bitplanet.net>

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```

```
AC_PREREQ(2.60)
```

```
AC_INIT([libdrm], 2.4.23, [dri-devel@lists.sourceforge.net], libdrm)
```

```
AC_USE_SYSTEM_EXTENSIONS
```

```
AC_CONFIG_SRCDIR([Makefile.am])
```

```
AM_INIT_AUTOMAKE([dist-bzip2])
```

```
AM_CONFIG_HEADER([config.h])
```

```
AC_DISABLE_STATIC
```

```
AC_PROG_LIBTOOL
```

```
AC_PROG_CC
```

```
AC_HEADER_STDC
```

```
AC_SYS_LARGEFILE
```

```
AC_FUNC_ALLOCA
```

```
Enable quiet compiles on automake 1.11.
```

```
m4_ifdef([AM_SILENT_RULES], [AM_SILENT_RULES([yes])])
```

```
PKG_CHECK_MODULES(PTHREADSTUBS, pthread-stubs)
```

```
AC_SUBST(PTHREADSTUBS_CFLAGS)
```

```
AC_SUBST(PTHREADSTUBS_LIBS)
```

```
pkgconfigdir=${libdir}/pkgconfig
```

```
AC_SUBST(pkgconfigdir)
```

```
AC_ARG_ENABLE(udev, AS_HELP_STRING([--enable-udev],
 [Enable support for using udev instead of mknod (default: disabled)]),
 [UDEV=$enableval], [UDEV=no])
```

```
AC_ARG_ENABLE(libkms,
 AS_HELP_STRING([--disable-libkms],
 [Disable KMS mm abstraction
 library (default: auto)]),
 [LIBKMS=$enableval], [LIBKMS=auto])
```

```
AC_ARG_ENABLE(intel,
 AS_HELP_STRING([--disable-intel],
 [Enable support for intel's KMS API (default: auto)]),
 [INTEL=$enableval], [INTEL=auto])
```

```
AC_ARG_ENABLE(radeon,
 AS_HELP_STRING([--disable-radeon],
```

```
[Enable support for radeon's KMS API (default: auto)],
[RADEON=$enableval], [RADEON=auto])
```

```
AC_ARG_ENABLE(vmwgfx-experimental-api,
AS_HELP_STRING([--enable-vmwgfx-experimental-api],
[Install vmwgfx's experimental kernel API header (default: disabled)]),
[VMWGFX=$enableval], [VMWGFX=no])
```

```
AC_ARG_ENABLE(nouveau-experimental-api,
AS_HELP_STRING([--enable-nouveau-experimental-api],
[Enable support for nouveau's experimental API (default: disabled)]),
[NOUVEAU=$enableval], [NOUVEAU=no])
```

```
dnl =====
```

```
dnl check compiler flags
```

```
AC_DEFUN([LIBDRM_CC_TRY_FLAG], [
AC_MSG_CHECKING([whether
$CC supports $1])
```

```
libdrm_save_CFLAGS="$CFLAGS"
CFLAGS="$CFLAGS $1"
```

```
AC_COMPILE_IFELSE([], [libdrm_cc_flag=yes], [libdrm_cc_flag=no])
CFLAGS="$libdrm_save_CFLAGS"
```

```
if test "x$libdrm_cc_flag" = "xyes"; then
 ifelse([$2], , :, [$2])
else
 ifelse([$3], , :, [$3])
fi
AC_MSG_RESULT([$libdrm_cc_flag])
])
```

```
dnl We use clock_gettime to check for timeouts in drmWaitVBlank
```

```
AC_CHECK_FUNCS([clock_gettime], [CLOCK_LIB=],
[AC_CHECK_LIB([rt], [clock_gettime], [CLOCK_LIB=-lrt],
[AC_MSG_ERROR([Couldn't find clock_gettime]])])
AC_SUBST([CLOCK_LIB])
```

```
dnl Use lots of warning flags with with gcc and compatible compilers
```

```
dnl Note: if you change the following variable, the cache is automatically
dnl skipped and all flags rechecked. So there's no need to do anything
dnl else. If for any reason you need to force a recheck, just change
dnl MAYBE_WARN in an ignorable way (like adding whitespace)
```

```

MAYBE_WARN="-Wall -Wextra
\
-Wsign-compare -Werror-implicit-function-declaration \
-Wpointer-arith -Wwrite-strings -Wstrict-prototypes \
-Wmissing-prototypes -Wmissing-declarations -Wnested-externs \
-Wpacked -Wswitch-enum -Wmissing-format-attribute \
-Wstrict-aliasing=2 -Winit-self -Wunsafe-loop-optimizations \
-Wdeclaration-after-statement -Wold-style-definition \
-Wno-missing-field-initializers -Wno-unused-parameter \
-Wno-attributes -Wno-long-long -Winline"

invalidate cached value if MAYBE_WARN has changed
if test "x$libdrm_cv_warn_maybe" != "x$MAYBE_WARN"; then
 unset libdrm_cv_warn_cflags
fi
AC_CACHE_CHECK([for supported warning flags], libdrm_cv_warn_cflags, [
echo
WARN_CFLAGS=""

Some warning options are not supported by all versions of
gcc, so test all desired options against the current
compiler.
#
Note that there are some order dependencies
here. Specifically, an option that disables a warning will
have no net effect if a later option then enables that
warnings, (perhaps
implicitly). So we put some grouped
options (-Wall and -Wextra) up front and the -Wno options
last.

for W in $MAYBE_WARN; do
 LIBDRM_CC_TRY_FLAG([$W], [WARN_CFLAGS="$WARN_CFLAGS $W"])
done

libdrm_cv_warn_cflags=$WARN_CFLAGS
libdrm_cv_warn_maybe=$MAYBE_WARN

AC_MSG_CHECKING([which warning flags were supported])
WARN_CFLAGS="$libdrm_cv_warn_cflags"

if test "x$UDEV" = xyes; then
 AC_DEFINE(UDEV, 1, [Have UDEV support])
fi

AC_CANONICAL_HOST
if test "x$LIBKMS" = xauto ; then
 case $host_os in

```

```

linux*) LIBKMS="yes" ;;
*) LIBKMS="no" ;;
esac
fi

```

```

AM_CONDITIONAL(HAVE_LIBKMS, [test "x$LIBKMS" = xyes])

```

```

AM_CONDITIONAL(HAVE_VMWGFX, [test "x$VMWGFX" = xyes])
if test "x$VMWGFX" = xyes; then
 AC_DEFINE(HAVE_VMWGFX, 1, [Have vmwgfx kernel headers])
fi

```

```

AM_CONDITIONAL(HAVE_NOUVEAU, [test "x$NOUVEAU" = xyes])
if test "x$NOUVEAU" = xyes; then
 AC_DEFINE(HAVE_NOUVEAU, 1, [Have nouveau (nvidia) support])
fi

```

```

PKG_CHECK_MODULES(CAIRO, cairo, [HAVE_CAIRO=yes], [HAVE_CAIRO=no])
if test
"x$HAVE_CAIRO" = xyes; then
 AC_DEFINE(HAVE_CAIRO, 1, [Have cairo support])
fi
AM_CONDITIONAL(HAVE_CAIRO, [test "x$HAVE_CAIRO" = xyes])

```

# For enumerating devices in test case

```

PKG_CHECK_MODULES(LIBUDEV, libudev, [HAVE_LIBUDEV=yes], [HAVE_LIBUDEV=no])
if test "x$HAVE_LIBUDEV" = xyes; then
 AC_DEFINE(HAVE_LIBUDEV, 1, [Have libudev support])
fi
AM_CONDITIONAL(HAVE_LIBUDEV, [test "x$HAVE_LIBUDEV" = xyes])

```

```

if test "x$INTEL" != "xno" -o "x$RADEON" != "xno"; then

```

```

 # Check for atomic intrinsics

```

```

 AC_CACHE_CHECK([for native atomic primitives], drm_cv_atomic_primitives,
 [
 drm_cv_atomic_primitives="none"

```

```

 AC_TRY_LINK([
int atomic_add(int i) { return __sync_fetch_and_add (&i, 1); }
int atomic_cmpxchg(int i, int j, int k) { return __sync_val_compare_and_swap (&i, j, k); }
], [],
 drm_cv_atomic_primitives="Intel"
)

```

```

if test "x$drm_cv_atomic_primitives" = "xnone"; then

```

```

 AC_CHECK_HEADER([atomic_ops.h], drm_cv_atomic_primitives="libatomic-ops")

```

```

fi

atomic functions defined in <atomic.h> & libc on Solaris
if test "x$drm_cv_atomic_primitives" = "xnone"; then
 AC_CHECK_FUNC([atomic_cas_uint],
 drm_cv_atomic_primitives="Solaris")
fi

)

if test "x$drm_cv_atomic_primitives" = xIntel; then
 AC_DEFINE(HAVE_LIBDRM_ATOMIC_PRIMITIVES, 1,
 [Enable if your compiler supports the Intel __sync_* atomic primitives])
fi

if test "x$drm_cv_atomic_primitives" = "xlibatomic-ops"; then
 AC_DEFINE(HAVE_LIB_ATOMIC_OPS, 1, [Enable if you have libatomic-ops-dev installed])
fi

if test "x$drm_cv_atomic_primitives" = "xnone"; then
 if test "x$INTEL" != "xauto"; then
 if test "x$INTEL" != "xno"; then
 AC_MSG_ERROR([libdrm_intel depends upon atomic operations, which were not found for your
compiler/cpu. Try compiling with -march=native, or install the libatomics-op-dev package, or, failing both of those,
disable support for Intel GPUs
by passing --disable-intel to ./configure])
 fi
 else
 AC_MSG_WARN([Disabling libdrm_intel. It depends on atomic operations, which were not found for
your compiler/cpu. Try compiling with -march=native, or install the libatomics-op-dev package.])
 INTEL=no
 fi
 if test "x$RADEON" != "xauto"; then
 if test "x$RADEON" != "xno"; then
 AC_MSG_ERROR([libdrm_radeon depends upon atomic operations, which were not found for your
compiler/cpu. Try compiling with -march=native, or install the libatomics-op-dev package, or, failing both of those,
disable support for Radeon support by passing --disable-radeon to ./configure])
 fi
 else
 AC_MSG_WARN([Disabling libdrm_radeon. It depends on atomic operations, which were not found for
your compiler/cpu. Try compiling with -march=native, or install the libatomics-op-dev package.])

 RADEON=no
 fi

else
 if test "x$INTEL" != "xno"; then
 INTEL=yes
 fi
 if test "x$RADEON" != "xno"; then

```



```
RADEON=yes
fi
fi
fi
```

```
AM_CONDITIONAL(HAVE_INTEL, [test "x$INTEL" != "xno"])
AM_CONDITIONAL(HAVE_RADEON, [test "x$RADEON" != "xno"])
```

```
AC_ARG_WITH([kernel-source],
 [AS_HELP_STRING([--with-kernel-source],
 [specify path to linux kernel source]),
 [kernel_source="$with_kernel_source"])
AC_SUBST(kernel_source)
```

```
AC_SUBST(WARN_CFLAGS)
```

```
AC_OUTPUT([
 Makefile
 libkms/Makefile
 libkms/libkms.pc
 intel/Makefile
 intel/libdrm_intel.pc
 radeon/Makefile
 radeon/libdrm_radeon.pc
 nouveau/Makefile
 nouveau/libdrm_nouveau.pc
 tests/Makefile
 tests/modeprint/Makefile
 tests/modetest/Makefile
 tests/kmstest/Makefile
 tests/vbltest/Makefile
 include/Makefile
 include/drm/Makefile
 libdrm.pc])
```

```
echo ""
echo "$PACKAGE_STRING will be compiled with:"
echo ""
echo " libkms
 $LIBKMS"
echo " Intel API $INTEL"
echo " vmwgfx API $VMWGFX"
echo " Radeon API $RADEON"
echo " Nouveau API $NOUVEAU"
echo ""
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046344265_1590604830.21/0/libdrm-2.4.23-1.el6-1.src.rpm-cosi-expand-
archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/configure.ac
```

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*
*
*/
```

Found in path(s):

```
*/opt/ws_local/PERMITS_SQL/1046344265_1590604830.21/0/libdrm-2.4.23-1.el6-1.src.rpm-cosi-expand-
archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/intel/intel_bufmgr_gem.c
```

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```
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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1046344265\_1590604830.21/0/libdrm-2.4.23-1.el6-1.src.rpm-cosi-expand-archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/include/drm/Makefile  
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/\* xf86drmSL.c -- Skip list support

\* Created: Mon May 10 09:28:13 1999 by faith@precisioninsight.com

\*

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 \*  
 \* Authors: Rickard E. (Rik) Faith <faith@valinux.com>  
 \*  
 \* DESCRIPTION  
 \*  
 \* This file contains a straightforward skip list implementation.n  
 \*  
 \* FUTURE ENHANCEMENTS  
 \*  
 \* REFERENCES  
 \*  
 \* [Pugh90] William Pugh. Skip Lists: A Probabilistic Alternative to  
 \* Balanced Trees. CACM 33(6), June 1990, pp. 668-676.  
 \*  
 \*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1046344265\_1590604830.21/0/libdrm-2.4.23-1.el6-1.src.rpm-cosi-expand-  
 archive-fZk7GSet/libdrm-2.4.23.tar.bz2-cosi-expand-archive-OdN83yGs/libdrm-2.4.23/xf86drmSL.c

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

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

6. As an exception to the Sections above, you may also 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



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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.

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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.

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

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

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October 28, 1997

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Sam Lantinga (slouken@libsdl.org)

# 1.237 libmspack 0.5-0.6.1.alpha.el7

## 1.237.1 Available under license :

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Version 2.1, February 1999

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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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,

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

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

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

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

installs one, as long as the modified version is

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c) 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

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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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## 1.238 libseccomp 2.4.0-0.el7

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

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

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

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c) 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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The original XML Schemas for Java EE Deployment Descriptors:

- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd
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may be obtained from:

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</pre>

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| Device drivers | src/mesa/drivers/* | MIT, generally |

Gallium code src/gallium/ MIT

Ext headers GL/glxt.h Khronos  
GL/glxt.h Khronos  
GL/wglxt.h Khronos  
KHR/khrplatform.h Khronos

\*\*\*\*\*

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include/GL/gl.h :

Mesa 3-D  
graphics library

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include/GL/glxt.h  
include/GL/wglxt.h :

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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
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```

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```
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```

```
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Ty Coon, President of Vice
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# 1.257 strace 1.0

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a

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QLogic Linux qlcnic NIC Driver

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\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

\* <http://www.hypermall.com/>

\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY

\* interrupts us (except possibly for removal/insertion of the cable?)



\* 10/4/97 - began heavy inline documentation of the code. Corrected typos  
 \* and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on  
 \* loss of link, and correctly re-enable PHY when link is  
 \* re-established. (put back CFG\_PHYIE)

\*

\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

\*

\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

\*

\* Linux driver for the IDT77201 NICStAR PCI ATM controller.  
 \* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;  
 \* see init\_nicstar() for PHY initialization to change this. This driver  
 \* expects the Linux ATM stack to support scatter-gather  
 lists

\* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

\*

\* Implementing minimal-copy of received data:

\* IDT always receives data into a small buffer, then large buffers  
 \* as needed. This means that data must always be copied to create  
 \* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)  
 \* Fix is simple: make large buffers large enough to hold entire  
 \* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then  
 \* copy small buffer contents to head of large buffer.

\* Trick is to avoid fragmenting Linux, due to need for a lot of large  
 \* buffers. This is done by 2 things:

\* 1) skb->destructor / skb->atm.recycle\_buffer  
 \* combined, allow nicstar\_free\_rx\_skb to be called to  
 \* recycle large data buffers

\* 2) skb\_clone of received buffers

\* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation  
 \* details.

\*

\*

\*

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- \*
- \* M. Welsh, 6 July 1996
- \*
- \*
- \*/

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(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

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for merging the nxt2002 and nxt2004 modules into a  
single nxt200x frontend driver.

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The DSP/Bridge project wish to thank all of its contributors, current bridge driver is the result of the work of all of them. If any name is accidentally omitted, let us know by sending a mail to [omar.ramirez@ti.com](mailto:omar.ramirez@ti.com) or [x095840@ti.com](mailto:x095840@ti.com).

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\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

\* <http://www.hypermall.com/>

\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY

\* interrupts us (except possibly for removal/insertion of the cable?)

\* 10/4/97 - began heavy inline documentation of the code. Corrected typos

\* and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on

\* loss of link, and correctly re-enable PHY when link is

\* re-established. (put back CFG\_PHYIE)

\*

\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

\*

\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

\*

\* Linux driver for the IDT77201 NICStAR PCI ATM controller.

\* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

\* see init\_nicstar() for PHY initialization to change this. This driver

\* expects the Linux ATM stack to support scatter-gather

lists

\* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

\*

\* Implementing minimal-copy of received data:

\* IDT always receives data into a small buffer, then large buffers

\* as needed. This means that data must always be copied to create

\* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

\* Fix is simple: make large buffers large enough to hold entire

\* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then

\* copy small buffer contents to head of large buffer.

\* Trick is to avoid fragmenting Linux, due to need for a lot of large

\* buffers. This is done by 2 things:

\* 1) skb->destructor / skb->atm.recycle\_buffer

\* combined, allow nicstar\_free\_rx\_skb to be called to

\* recycle large data buffers

\* 2) skb\_clone of received buffers

\* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation

\* details.

\*

\*

\*

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\*  
\* M. Welsh, 6 July 1996  
\*  
\*  
\*/

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for his contributions to the dvb-net driver

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for CyberLogin for Linux which allows logging onto EON

(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

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Kirk Lapray <kirk.lapray@gmail.com>  
for the or51211 and or51132 frontend drivers, and  
for merging the nxt2002 and nxt2004 modules into a  
single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a  
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\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

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\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY

\* interrupts us (except possibly for removal/insertion of the cable?)

\* 10/4/97 - began heavy inline documentation of the code. Corrected typos

\* and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on

\* loss of link, and correctly re-enable PHY when link is

\* re-established. (put back CFG\_PHYIE)

\*

\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

\*

\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

\*

\* Linux driver for the IDT77201 NICStAR PCI ATM controller.

\* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

\* see `init_nicstar()` for PHY initialization to change this. This driver

\* expects the Linux ATM stack to support scatter-gather lists  
\* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.  
\*  
\* Implementing minimal-copy of received data:  
\* IDT always receives data into a small buffer, then large buffers  
\* as needed. This means that data must always be copied to create  
\* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)  
\* Fix is simple: make large buffers large enough to hold entire  
\* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then  
\* copy small buffer contents to head of large buffer.  
\* Trick is to avoid fragmenting Linux, due to need for a lot of large  
\* buffers. This is done by 2 things:  
\* 1) skb->destructor / skb->atm.recycle\_buffer  
\* combined, allow nicstar\_free\_rx\_skb to be called to  
\* recycle large data buffers  
\* 2) skb\_clone of received buffers  
\* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation  
\* details.

\*  
\*  
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\* M. Welsh, 6 July 1996

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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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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

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for CyberLogin for Linux which allows logging onto EON  
(in case you are wondering where CyberLogin is, EON changed its login  
procedure and CyberLogin is no longer used.)

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for merging the nxt2002 and nxt2004 modules into a  
single nxt200x frontend driver.

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## 1.262 linux-kernel 2.6.19

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/\* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

\* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

\* <http://www.hypermall.com/>

\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY

\* interrupts us (except possibly for removal/insertion of the cable?)

\* 10/4/97 - began heavy inline documentation of the code. Corrected typos

\* and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on

\* loss of link, and correctly re-enable PHY when link is

\* re-established. (put back CFG\_PHYIE)

\*

\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

\*

\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997 \$Revision: 1.1 \$ \$Date: 1999/08/20 11:00:11 \$

\*

\* Linux driver for the IDT77201 NICStAR PCI ATM controller.

\* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

\* see init\_nicstar() for PHY initialization to change this. This driver

\* expects the Linux ATM stack to support scatter-gather lists

\* (skb->atm.iovnt != 0) for Rx skb's passed to vcc->push.

\*  
\* Implementing minimal-copy of received data:  
\* IDT always receives data into a small buffer, then large buffers  
\* as needed. This means that data must always be copied to create  
\* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)  
\* Fix is simple: make large buffers large enough to hold entire  
\* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then  
\* copy small buffer contents to head of large buffer.  
\* Trick is to avoid fragmenting Linux, due to need for a lot of large  
\* buffers. This is done by 2 things:  
\* 1) skb->destructor / skb->atm.recycle\_buffer  
\* combined, allow nicstar\_free\_rx\_skb to be called to  
\* recycle large data buffers  
\* 2) skb\_clone of received buffers  
\* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation  
\* details.

\*  
\*  
\*  
\*  
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\* M. Welsh, 6 July 1996

\*/  
Thanks go to the following people for patches and contributions:

Michael Hunold <m.hunold@gmx.de>  
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Marcus Metzler <mocm@metzlerbros.de>

Ralph Metzler <rjkm@metzlerbros.de>  
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for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>  
for CyberLogin for Linux which allows logging onto EON  
(in case you are wondering where CyberLogin is, EON changed its login  
procedure and CyberLogin is no longer used.)

Martin Schaller <martin@smurf.franken.de>  
for patching the cable card decoder driver

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...and all the other dbox2 people

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for the nxt2004 frontend driver

Kirk Lapray <kirk.lapray@gmail.com>  
for the or51211 and or51132 frontend drivers, and  
for merging the nxt2002 and nxt2004 modules into a  
single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a  
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## 1.263 linux-kernel 3.12.33

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\* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

\* <http://www.hypermall.com/>

\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY

\* interrupts us (except possibly for removal/insertion of the cable?)

\* 10/4/97 - began heavy inline documentation of the code. Corrected typos

\* and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on

\* loss of link, and correctly re-enable PHY when link is

\* re-established. (put back CFG\_PHYIE)

\*

\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

\*

\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

\*

\* Linux driver for the IDT77201 NICStAR PCI ATM controller.

\* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

\* see init\_nicstar() for PHY initialization to change this. This driver

\* expects the Linux ATM stack to support scatter-gather

lists

\* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

\*

\* Implementing minimal-copy of received data:

\* IDT always receives data into a small buffer, then large buffers

\* as needed. This means that data must always be copied to create

\* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

\* Fix is simple: make large buffers large enough to hold entire

\* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then

\* copy small buffer contents to head of large buffer.

\* Trick is to avoid fragmenting Linux, due to need for a lot of large

\* buffers. This is done by 2 things:

\* 1) skb->destructor / skb->atm.recycle\_buffer



\* combined, allow nicstar\_free\_rx\_skb to be called to  
 \* recycle large data buffers  
 \* 2) skb\_clone of received buffers  
 \* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation  
 \* details.  
 \*  
 \*  
 \*  
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 \*  
 \* M. Welsh, 6 July 1996  
 \*  
 \*  
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the

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for CyberLogin for Linux which allows logging onto EON  
(in case you are wondering where CyberLogin is, EON changed its login  
procedure and CyberLogin is no longer used.)

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for the or51211 and or51132 frontend drivers, and  
for merging the nxt2002 and nxt2004 modules into a  
single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a  
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/\* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)  
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\*  
\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.  
\* <http://www.hypermall.com/>  
\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY  
\* interrupts us (except possibly for removal/insertion of the cable?)  
\* 10/4/97 - began heavy inline documentation of the code. Corrected typos  
\* and spelling mistakes.  
\* 10/5/97 - added code to handle PHY interrupts, disable PHY on  
\* loss of link, and correctly re-enable PHY when link is  
\* re-established. (put back CFG\_PHYIE)  
\*  
\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.  
\*  
\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997  
\*  
\* Linux driver for the IDT77201 NICStAR PCI ATM controller.  
\* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;  
\* see init\_nicstar() for PHY initialization to change this. This driver  
\* expects the Linux ATM stack to support scatter-gather  
lists  
\* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.  
\*  
\* Implementing minimal-copy of received data:  
\* IDT always receives data into a small buffer, then large buffers  
\* as needed. This means that data must always be copied to create  
\* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)  
\* Fix is simple: make large buffers large enough to hold entire  
\* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then  
\* copy small buffer contents to head of large buffer.  
\* Trick is to avoid fragmenting Linux, due to need for a lot of large  
\* buffers. This is done by 2 things:  
\* 1) skb->destructor / skb->atm.recycle\_buffer  
\* combined, allow nicstar\_free\_rx\_skb to be called to  
\* recycle large data buffers

\* 2) skb\_clone of received buffers  
 \* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation  
 \* details.  
 \*  
 \*  
 \*  
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 \*  
 \* M. Welsh, 6 July 1996  
 \*  
 \*  
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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the 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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(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

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(in case you are wondering where CyberLogin is, EON changed its login  
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Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

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

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

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

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

Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

Shared object suffix
SO = so
Non-shared intermediate object suffix
```

STATIC\_O = ao

## Compilation

rules

%. \$(STATIC\_O): \$(srcdir)/%.c

\$(COMPILE.c) \$(STATICCPPFLAGS) \$(STATICCFLAGS) -o \$@ \$<

%.o: \$(srcdir)/%.c

\$(COMPILE.c) \$(DYNAMICCPPFLAGS) \$(DYNAMICCFLAGS) -o \$@ \$<

%. \$(STATIC\_O): \$(srcdir)/%.cpp

\$(COMPILE.cc) \$(STATICCPPFLAGS) \$(STATICCXXFLAGS) -o \$@ \$<

%.o: \$(srcdir)/%.cpp

\$(COMPILE.cc) \$(DYNAMICCPPFLAGS) \$(DYNAMICCXXFLAGS) -o \$@ \$<

## Dependency rules

%.d: \$(srcdir)/%.c

@echo "generating dependency information for \$<"

@\$(SHELL) -ec '\$(GEN\_DEPS.c) \$< \

| sed "s^\(\$\*\)\.o[ :]\*/\1.o \$@ : /g\" > \$@; \

[ -s \$@ ] || rm -f \$@'

%.d: \$(srcdir)/%.cpp

@echo "generating dependency information for \$<"

@\$(SHELL) -ec '\$(GEN\_DEPS.cc) \$< \

| sed "s^\(\$\*\)\.o[ :]\*/\1.o \$@ : /g\" > \$@; \

[ -s \$@ ] || rm -f \$@'

## Versioned libraries rules

%. \$(SO).\$(SO\_TARGET\_VERSION\_MAJOR): %. \$(SO).\$(SO\_TARGET\_VERSION)

\$(RM) \$@ && ln -s \${<F} \$@

%. \$(SO): %. \$(SO).\$(SO\_TARGET\_VERSION\_MAJOR)

\$(RM) \$@ && ln -s \${\*F}. \$(SO).\$(SO\_TARGET\_VERSION) \$@

## Bind internal references

# LDflags that pkgdata will use

BIR\_LDFLAGS= -Wl,-Bsymbolic

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

BIR\_DEPS=

## Remove shared library 's'

STATIC\_PREFIX\_WHEN\_USED =

STATIC\_PREFIX =

## End BSD-specific setup

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(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

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Thus,

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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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- 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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## 1.273 qt 4.8.5

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

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If 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.

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-----  
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/* * component! It does however offer creation and editing functionality */
/* * at the chunk level. */
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March 29, 2012

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PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

This is JavaScriptCore's variant of the PCRE library. While this library

started out as a copy of PCRE, many of the features of PCRE have been removed.

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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.

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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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.

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```
{description}
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```

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```
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```

The

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## 1.277 httpclient 4.3.2

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# 1.278 u-boot 2009.06

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-- Wolfgang Denk

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```
/*
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jstrachan Exp $
* $Revision: 1.3 $
* $Date: 2002/04/26 17:05:34 $
*
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\* \$Id: Token.java,v 1.3 2002/04/26

17:05:34 jstrachan Exp \$

\*/

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\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-jar/com/werken/saxpath/Token.java

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\* \$Revision: 1.5 \$

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 \*  
 \* \$Id: Operator.java,v 1.5 2002/04/26  
 17:05:34 jstrachan Exp \$  
 \*/

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\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-jar/org/saxpath/Operator.java  
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\* \$Header: /cvsroot/saxpath/saxpath/src/java/main/org/saxpath/XPathHandler.java,v 1.11 2002/04/26 17:05:34  
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\* \$Revision: 1.11 \$

\* \$Date: 2002/04/26 17:05:34 \$

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\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-jar/org/saxpath/XPathHandler.java

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\* \$Id: SAXPathParseException.java,v  
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\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-  
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\*

\* \$Id: XPathSyntaxException.java,v  
1.5 2002/04/26 17:05:34 jstrachan Exp \$

\*/

Found in path(s):

\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-  
jar/org/saxpath/XPathSyntaxException.java

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\* \$Header: /cvsroot/saxpath/saxpath/src/java/main/com/werken/saxpath/XPathLexer.java,v 1.10 2002/04/26  
17:05:34 jstrachan Exp \$

\* \$Revision: 1.10 \$

\* \$Date: 2002/04/26 17:05:34 \$

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\* \$Id: XPathLexer.java,v  
1.10 2002/04/26 17:05:34 jstrachan Exp \$  
\*/

Found in path(s):

\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-  
jar/com/werken/saxpath/XPathLexer.java

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\* \$Header: /cvsroot/saxpath/saxpath/src/java/main/org/saxpath/helpers/XPathReaderFactory.java,v 1.7 2002/04/26  
17:05:34 jstrachan Exp \$

\* \$Revision: 1.7 \$

\* \$Date: 2002/04/26 17:05:34 \$

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* $Id: XPathReaderFactory.java,v
 1.7 2002/04/26 17:05:34 jstrachan Exp $
*/
```

Found in path(s):

```
* /opt/cola/permits/1111238015_1606882887.13/0/saxpath-1-0-fcs-sources-1-
jar/org/saxpath/helpers/XPathReaderFactory.java
```

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

```
/*
* $Header: /cvsroot/saxpath/saxpath/src/java/main/com/werken/saxpath/DefaultXPathHandler.java,v 1.8 2002/04/26
17:05:34 jstrachan Exp $
* $Revision: 1.8 $
* $Date: 2002/04/26 17:05:34 $
*
* =====
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\*  
\* \$Id: DefaultXPathHandler.java,v  
\* 1.8 2002/04/26 17:05:34 jstrachan Exp \$  
\*/

Found in path(s):

\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-  
jar/com/werken/saxpath/DefaultXPathHandler.java

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/\*  
\* \$Header: /cvsroot/saxpath/saxpath/src/java/main/com/werken/saxpath/TokenTypes.java,v 1.4 2002/04/26  
17:05:34 jstrachan Exp \$  
\* \$Revision: 1.4 \$  
\* \$Date: 2002/04/26 17:05:34 \$

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\* \$Id: TokenType.java,v 1.4  
2002/04/26 17:05:34 jstrachan Exp \$  
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\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-  
jar/com/werken/saxpath/TokenType.java

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\* \$Header: /cvsroot/saxpath/saxpath/src/java/main/org/saxpath/Axis.java,v 1.11 2002/04/26 17:05:34 jstrachan Exp  
\$

\* \$Revision: 1.11 \$

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\* \$Id: Axis.java,v 1.11 2002/04/26 17:05:34  
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\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-jar/org/saxpath/Axis.java  
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\* \$Header: /cvsroot/saxpath/saxpath/src/java/main/org/saxpath/SAXPathException.java,v 1.3 2002/04/26 17:05:34  
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\* \$Revision: 1.3 \$  
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 \* \$Id: SAXPathException.java,v  
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\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-jar/org/saxpath/SAXPathException.java

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\* \$Header: /cvsroot/saxpath/saxpath/src/java/main/org/saxpath/XPathReader.java,v 1.4 2002/04/26 17:05:34

jstrachan Exp \$

\* \$Revision: 1.4 \$

\* \$Date: 2002/04/26 17:05:34 \$

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\* \$Id: XPathReader.java,v 1.4 2002/04/26  
17:05:34 jstrachan Exp \$  
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\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-jar/org/saxpath/XPathReader.java  
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 \*  
 \* \$Id: ConformanceXPathHandler.java,v  
 1.8 2002/04/26 17:05:34 jstrachan Exp \$  
 \*/

Found in path(s):

\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-  
 jar/org/saxpath/conformance/ConformanceXPathHandler.java

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```
/*
* $Header: /cvsroot/saxpath/saxpath/src/java/main/com/werken/saxpath/XPathReader.java,v 1.22 2002/04/26
17:05:34 jstrachan Exp $
* $Revision: 1.22 $
* $Date: 2002/04/26 17:05:34 $
*
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\* \$Id: XPathReader.java,v  
1.22 2002/04/26 17:05:34 jstrachan Exp \$

\*/

Found in path(s):

\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-  
jar/com/werken/saxpath/XPathReader.java

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\* \$Header: /cvsroot/saxpath/saxpath/src/java/main/org/saxpath/SAXPathEventSource.java,v 1.2 2002/04/26  
17:05:34 jstrachan Exp \$

\* \$Revision: 1.2 \$

\* \$Date: 2002/04/26 17:05:34 \$

\*

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\*

\* \$Id: SAXPathEventSource.java,v  
1.2 2002/04/26 17:05:34 jstrachan Exp \$

\*/

Found in path(s):

\* /opt/cola/permits/1111238015\_1606882887.13/0/saxpath-1-0-fcs-sources-1-  
jar/org/saxpath/SAXPathEventSource.java

# 1.281 commons-lang3 2.2

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```
* /opt/cola/permits/1111264551_1606892742.95/0/commons-lang-2-2-sources-2-
jar/org/apache/commons/lang/enum/EnumUtils.java
*
/opt/cola/permits/1111264551_1606892742.95/0/commons-lang-2-2-sources-2-
jar/org/apache/commons/lang/CharRange.java
* /opt/cola/permits/1111264551_1606892742.95/0/commons-lang-2-2-sources-2-
jar/org/apache/commons/lang/math/FloatRange.java
* /opt/cola/permits/1111264551_1606892742.95/0/commons-lang-2-2-sources-2-
jar/org/apache/commons/lang/SerializationUtils.java
* /opt/cola/permits/1111264551_1606892742.95/0/commons-lang-2-2-sources-2-
jar/org/apache/commons/lang/time/DateFormatUtils.java
* /opt/cola/permits/1111264551_1606892742.95/0/commons-lang-2-2-sources-2-
jar/org/apache/commons/lang/CharSetUtils.java
* /opt/cola/permits/1111264551_1606892742.95/0/commons-lang-2-2-sources-2-
jar/org/apache/commons/lang/builder/ToStringBuilder.java
* /opt/cola/permits/1111264551_1606892742.95/0/commons-lang-2-2-sources-2-
jar/org/apache/commons/lang/text/StrBuilder.java
* /opt/cola/permits/1111264551_1606892742.95/0/commons-lang-2-2-sources-2-
jar/org/apache/commons/lang/exception/ExceptionUtils.java
*
/opt/cola/permits/1111264551_1606892742.95/0/commons-lang-2-2-sources-2-
jar/org/apache/commons/lang/exception/NestableRuntimeException.java
* /opt/cola/permits/1111264551_1606892742.95/0/commons-lang-2-2-sources-2-
jar/org/apache/commons/lang/StringEscapeUtils.java
```

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/builder/ReflectionToStringBuilder.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/ClassUtils.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/math/NumberRange.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/mutable/MutableByte.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/text/StrLookup.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/StringUtils.java

\*

/opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/mutable/MutableInt.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/mutable/MutableBoolean.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/NotImplementedException.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/time/StopWatch.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/builder/ToStringStyle.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/mutable/MutableLong.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/builder/HashCodeBuilder.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/CharEncoding.java

\*

/opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/IllegalClassException.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/math/DoubleRange.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/builder/CompareToBuilder.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/mutable/MutableDouble.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/WordUtils.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/UnhandledException.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/NumberUtils.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/Validate.java

\*

/opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/IncompleteArgumentException.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/LocaleUtils.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/enum/ValuedEnum.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/SystemUtils.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/text/StrMatcher.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/math/NumberUtils.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/exception/NestableException.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/builder/StandardToStringStyle.java  
\*  
/opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/CharUtils.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/exception/NestableError.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/text/CompositeFormat.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/NumberRange.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/math/Range.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/enums/EnumUtils.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/BitField.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/exception/Nestable.java  
\*  
/opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/Entities.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/math/IntRange.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/time/DateUtils.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/NullArgumentException.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/CharSet.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/enums/ValuedEnum.java  
\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/text/StrSubstitutor.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/SerializationException.java

\*

/opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/mutable/Mutable.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/enum/Enum.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/ObjectUtils.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/enums/Enum.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/math/LongRange.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/BooleanUtils.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/mutable/MutableFloat.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/RandomStringUtils.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/time/FastDateFormat.java

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/opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/mutable/MutableShort.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/time/DurationFormatUtils.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/math/Fraction.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/mutable/MutableObject.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/exception/NestableDelegate.java

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/ArrayUtils.java

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jar/org/apache/commons/lang/IntHashMap.java

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\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-  
jar/org/apache/commons/lang/enums/package.html

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-  
jar/org/apache/commons/lang/package.html

\*

/opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-  
jar/org/apache/commons/lang/overview.html

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-  
jar/org/apache/commons/lang/text/package.html

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-  
jar/org/apache/commons/lang/builder/package.html

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-  
jar/org/apache/commons/lang/time/package.html

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-  
jar/org/apache/commons/lang/math/package.html

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/exception/package.html

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/enum/package.html

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\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/math/RandomUtils.java

\*

/opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/math/JVMRandom.java

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\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/text/StrTokenizer.java

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Found in path(s):

\* /opt/cola/permits/1111264551\_1606892742.95/0/commons-lang-2-2-sources-2-jar/org/apache/commons/lang/mutable/package.html

## 1.282 tftp-hpa 0.29

### 1.282.1 Available under license :

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```
.\" *- nroff *- ----- *
.\" Id
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.\"
.\"----- */

```

Found in path(s):

```

* /opt/cola/permits/1111969033_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-
tftp-hpa-f603e8d/tftpd/tftpd.8.in
*

```

```

/opt/cola/permits/1111969033_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-
tftp-hpa-f603e8d/tftp/tftp.1.in

```

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Found in path(s):

```

* /opt/cola/permits/1111969033_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-
tftp-hpa-f603e8d/MCONFIG.in

```

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\* /opt/cola/permits/1111969033\_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-tftp-hpa-f603e8d/tftpd/tftpd.c

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\*

\* @(#)extern.h 8.1 (Berkeley) 6/6/93

\*/

Found in path(s):

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\* /opt/cola/permits/1111969033\_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-tftp-hpa-f603e8d/config.h

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- \*
  - /opt/cola/permits/1111969033\_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-tftp-hpa-f603e8d/tftp/tftpsubs.c

- \* /opt/cola/permits/1111969033\_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-tftp-hpa-f603e8d/tftp/main.c

- \* /opt/cola/permits/1111969033\_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-tftp-hpa-f603e8d/tftp/main.c

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*
* @(#)tftpsubs.h 8.1 (Berkeley) 6/6/93
*/

```

Found in path(s):

```

* /opt/cola/permits/1111969033_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-
tftp-hpa-f603e8d/tftp/tftpsubs.h

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```

* /opt/cola/permits/1111969033_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-
tftp-hpa-f603e8d/tftpd/recvfrom.h
* /opt/cola/permits/1111969033_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-
tftp-hpa-f603e8d/tftpd/remap.h
* /opt/cola/permits/1111969033_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-
tftp-hpa-f603e8d/tftpd/recvfrom.c
* /opt/cola/permits/1111969033_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-
tftp-hpa-f603e8d/tftpd/remap.c
*

```



/opt/cola/permits/1111969033\_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-tftp-hpa-f603e8d/tftpd/tftpd.h  
\* /opt/cola/permits/1111969033\_1611222394.3/0/distrotech-tftp-hpa-tftp-hpa-0-29-0-gd849153-tar-gz/Distrotech-tftp-hpa-f603e8d/tftpd/misc.c

## 1.283 mini-xml 2.6

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October 18, 2005

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# This file contains a list of people who've made non-trivial  
# contribution to the Google C++ Testing Framework project. People  
# who commit code to the project are encouraged to add their names  
# here. Please keep the list sorted by first names.

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# 1.291 binutils 2.23.52

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```
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```

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+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith

Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in

relaxation

that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost;

we aren't  
intentionally leaving anyone out.

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The

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Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

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

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

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

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.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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and you may at your option offer warranty protection in exchange for a fee.

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.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- 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.
- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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#### END OF TERMS AND CONDITIONS

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

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

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

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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary.

Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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Version 3, 29 June 2007

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these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps:

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assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

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.

## TERMS AND CONDITIONS

### 0. Definitions.

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



"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

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To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

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#### 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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.

The

"System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (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.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

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section 10

makes it unnecessary.

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You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

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d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

#### 6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

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.

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

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

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status

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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.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on

the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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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#### END OF TERMS AND CONDITIONS

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

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

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

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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@center Version 2.1, February 1999

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version number 2.1.]

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@subheading Preamble

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To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original

author's reputation  
will not be affected by problems that might be  
introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the `Lesser` General Public License because it does *Less* to protect the user's freedom than the ordinary General Public License. It also provides other free software developers *Less* of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU



operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ``work based on the library" and a ``work that uses the library". The former

contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

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This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called ``this License"). Each licensee is addressed as ``you".

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

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either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term ``modification".)

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You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

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

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

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the

application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)  
@end enumerate

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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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.

@item

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.

@item

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

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

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

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.

@item

As an exception to the Sections above, you may also combine or link a ``work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work 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:

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

@item

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

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

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If distribution of the work is made by offering access to copy

from a designated place, offer equivalent access to copy the above specified materials from the same place.

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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.

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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You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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

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Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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## 1.304 qt 4.8.5

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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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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,

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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.

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

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

c) 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.

d) 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.

e) 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 materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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Version 2, June 1991

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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.

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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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- 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.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.)

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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.

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

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Included here to compliment the Pthreads-win32 license header in wtf/ThreadingWin.cpp file. WebKit is using derived sources of ThreadCondition code from Pthreads-win32.

-----  
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implementation of MCS (Mellor-Crummey/Scott) locks.  
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 */
/* ***** */
/*
 */
/* * Parts of this software have been adapted from the libpng package. */
/* * Although this library supports all features from the PNG specification */
/* * (as MNG descends from it) it does not require the libpng package. */
/* * It does require the zlib library and optionally the IJG jpeg library, */
/* * and/or the "little-cms" library by Marti Maria (depending on the */
/* * inclusion of support for JNG and Full-Color-Management respectively. */
/* *
 */
/* * This library's function
is primarily to read and display MNG */
/* * animations. It is not meant as a full-featured image-editing */
/* * component! It does however offer creation and editing functionality */
/* * at the chunk level. */
/* * (future modifications may include some more support for creation */
/* * and or editing) */
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 </property>
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 <cstring>Layout91</cstring>
 </property>
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 </property>
 <property name="margin">

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</hbox>

```

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 </property>
 <property name="spacing">
 <number>6</number>
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 </widget>
 </vbox>
</widget>

```

```

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 </property>
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b37b3d69a0b00818720fe</data>

</image>

</images>

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</UI>

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=====

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Yes. A RPM or Debian package is a "larger software package" to begin with, and you aren't selling them independently by themselves. See 1. above.

3. Are derivative works allowed?

Yes!

4. Can I change or add to the font(s)?

Yes, but you must change the name(s) of the font(s).

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6. If I have improvements for Bitstream Vera, is it possible they might get adopted in future versions?

Yes. The contract between the Gnome Foundation and Bitstream has provisions for working with Bitstream to ensure quality additions to the Bitstream Vera font family. Please contact us if you have such additions. Note, that in general, we will want such additions for the entire family, not just a single font, and that you'll have to keep both Gnome and Jim Lyles, Vera's designer, happy! To make sense to add glyphs to the font, they must be stylistically in keeping with Vera's design. Vera cannot become a "ransom note" font. Jim Lyles will be providing a document describing the design elements used in Vera, as a guide and aid for people interested in contributing to Vera.

7. I want to sell a software package that uses these fonts: Can I do so?

Sure. Bundle the fonts with your software and sell your software with the fonts. That is the intent of the copyright.

8. If applications have built the names "Bitstream Vera" into them, can I override this somehow to use fonts of my choosing?

This depends on exact details of the software. Most open source systems and software (e.g., Gnome, KDE, etc.) are now converting to use fontconfig (see [www.fontconfig.org](http://www.fontconfig.org)) to handle font configuration, selection and substitution; it has provisions for overriding font names and substituting alternatives. An example is provided by the supplied local.conf file, which chooses the family Bitstream Vera for "sans", "serif" and "monospace". Other software (e.g., the XFree86 core server) has other mechanisms for font substitution.

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```
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```

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glennrp at users.sourceforge.net

March 29, 2012

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uic3: property 'paletteBackgroundColor' for widget 'title' of type 'QLabel' is not supported. Line: 64 Column: 47

## 1.305 curl 7.19.4

### 1.305.1 Available under license :

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=====

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



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## libcurl

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## 1.306 util-linux 2.19.0

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NR	START	END	SECTORS	SIZE	NAME	UUID
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2	7680	16383	8704	4.3M		8f8378c0-02
5	7936	12799	4864	2.4M		
6	12544	16127	3584	1.8M		

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# Please keep the list sorted.

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3.1.0 / 2017-09-26

=====

- \* Add `DEBUG\_HIDE\_DATE` env var (#486)
- \* Remove ReDoS regexp in %o formatter (#504)
- \* Remove "component" from package.json
- \* Remove `component.json`
- \* Ignore package-lock.json
- \* Examples: fix colors printout
- \* Fix: browser detection
- \* Fix: spelling mistake (#496, @EdwardBetts)

3.0.1 / 2017-08-24

=====

- \* Fix: Disable colors in Edge and Internet Explorer (#489)

3.0.0 / 2017-08-08

=====

- \* Breaking: Remove DEBUG\_FD (#406)
- \* Breaking: Use `Date#toISOString()` instead to `Date#toUTCString()` when output is not a TTY (#418)
- \* Breaking: Make millisecond timer namespace specific and allow 'always enabled' output (#408)
- \* Addition: document `enabled` flag (#465)
- \* Addition: add 256 colors mode (#481)
- \* Addition: `enabled()` updates existing debug instances, add `destroy()` function (#440)
- \* Update: component: update "ms" to v2.0.0
- \* Update: separate the Node and Browser tests in Travis-CI
- \* Update:  
refactor Readme, fixed documentation, added "Namespace Colors" section, redid screenshots
- \* Update: separate Node.js and web browser examples for organization
- \* Update: update "browserify" to v14.4.0
- \* Fix: fix Readme typo (#473)

2.6.9 / 2017-09-22

=====

- \* remove ReDoS regexp in %o formatter (#504)

2.6.8 / 2017-05-18

=====

\* Fix: Check for undefined on browser globals (#462, @marbemac)

2.6.7 / 2017-05-16

=====

\* Fix: Update ms to 2.0.0 to fix regular expression denial of service vulnerability (#458, @hubdotcom)

\* Fix: Inline extend function in node implementation (#452, @dougwilson)

\* Docs: Fix typo (#455, @msasad)

2.6.5 / 2017-04-27

=====

\* Fix: null reference check on window.documentElement.style.WebkitAppearance (#447, @thebigredgeek)

\* Misc: clean up browser reference checks (#447, @thebigredgeek)

\* Misc: add npm-debug.log to .gitignore (@thebigredgeek)

2.6.4 / 2017-04-20

=====

\* Fix: bug that would occur if process.env.DEBUG is a non-string value. (#444, @LucianBuzzo)

\* Chore: ignore bower.json in npm installations. (#437, @joaovieira)

\* Misc: update "ms" to v0.7.3 (@tootallnate)

2.6.3 / 2017-03-13

=====

\* Fix: Electron reference to `process.env.DEBUG` (#431, @paulcbetts)

\* Docs: Changelog fix (@thebigredgeek)

2.6.2 / 2017-03-10

=====

\* Fix: DEBUG\_MAX\_ARRAY\_LENGTH (#420, @slavaGanzin)

\* Docs: Add backers and sponsors from Open Collective (#422, @piamancini)

\* Docs: Add Slackin invite badge (@tootallnate)

2.6.1 / 2017-02-10

=====

\* Fix: Module's `export default` syntax fix for IE8 `Expected identifier` error

\* Fix: Whitelist DEBUG\_FD for values 1 and 2 only (#415, @pi0)

\* Fix: IE8 "Expected identifier" error (#414, @vgoma)

\* Fix: Namespaces would not disable once enabled (#409, @musikov)



## 2.6.0 / 2016-12-28

=====

- \* Fix: added better null pointer checks for browser useColors (@thebigredgeek)
- \* Improvement: removed explicit `window.debug` export (#404, @tootallnate)
- \* Improvement: deprecated `DEBUG\_FD` environment variable (#405, @tootallnate)

## 2.5.2 / 2016-12-25

=====

- \* Fix: reference error on window within webworkers (#393, @KlausTrainer)
- \* Docs: fixed README typo (#391, @lurch)
- \* Docs: added notice about v3 api discussion (@thebigredgeek)

## 2.5.1 / 2016-12-20

=====

- \* Fix: babel-core compatibility

## 2.5.0 / 2016-12-20

=====

- \* Fix: wrong reference in bower file (@thebigredgeek)
- \* Fix: webworker compatibility (@thebigredgeek)
- \* Fix: output formatting issue (#388, @kribblo)
- \* Fix: babel-loader compatibility (#383, @escwald)
- \* Misc: removed built asset from repo and publications (@thebigredgeek)
- \* Misc: moved source files to /src (#378, @yamikuronue)
- \* Test: added karma integration and replaced babel with browserify for browser tests (#378, @yamikuronue)
- \* Test: coveralls integration (#378, @yamikuronue)
- \* Docs: simplified language in the opening paragraph (#373, @yamikuronue)

## 2.4.5 / 2016-12-17

=====

- \* Fix: `navigator` undefined in Rhino (#376, @jochenberger)
- \* Fix: custom log function (#379, @hsiliev)
- \* Improvement: bit of cleanup + linting fixes (@thebigredgeek)
- \* Improvement: rm non-maintained `dist` dir (#375, @freewil)
- \* Docs: simplified language in the opening paragraph. (#373, @yamikuronue)

## 2.4.4 / 2016-12-14

=====

- \* Fix: work around debug being loaded in preload scripts for electron (#368, @paulcbetts)

### 2.4.3 / 2016-12-14

=====

- \* Fix: navigation.userAgent error for react native (#364, @escwald)

### 2.4.2 / 2016-12-14

=====

- \* Fix: browser colors (#367, @tootallnate)
- \* Misc: travis ci integration (@thebigredgeek)
- \* Misc: added linting and testing boilerplate with sanity check (@thebigredgeek)

### 2.4.1 / 2016-12-13

=====

- \* Fix: typo that broke the package (#356)

### 2.4.0 / 2016-12-13

=====

- \* Fix: bower.json references unbuilt src entry point (#342, @justmatt)
- \* Fix: revert "handle regex special characters" (@tootallnate)
- \* Feature: configurable util.inspect() options for NodeJS (#327, @tootallnate)
- \* Feature: %O (big O) pretty-prints objects (#322, @tootallnate)
- \* Improvement: allow colors in workers (#335, @botverse)
- \* Improvement: use same color for same namespace. (#338, @lchenay)

### 2.3.3 / 2016-11-09

=====

- \* Fix: Catch `JSON.stringify()` errors (#195, Jovan Alleyne)
- \* Fix: Returning `localStorage` saved values (#331, Levi Thomason)
- \* Improvement: Don't create an empty object when no `process` (Nathan Rajlich)

### 2.3.2 / 2016-11-09

=====

- \* Fix: be super-safe in index.js as well (@TooTallNate)
- \* Fix: should check whether process exists (Tom Newby)

### 2.3.1 / 2016-11-09

=====

- \* Fix: Added electron compatibility (#324, @paulcbetts)
- \* Improvement: Added performance optimizations (@tootallnate)
- \* Readme: Corrected PowerShell environment variable example (#252, @gimre)
- \* Misc: Removed yarn lock file from source control (#321, @fengmk2)

### 2.3.0 / 2016-11-07

=====

- \* Fix: Consistent placement of ms diff at end of output (#215, @gorangajic)
- \* Fix: Escaping of regex special characters in namespace strings (#250, @zacronos)
- \* Fix: Fixed bug causing crash on react-native (#282, @vkarpov15)
- \* Feature: Enabled ES6+ compatible import via default export (#212 @bucaran)
- \* Feature: Added %O formatter to reflect Chrome's console.log capability (#279, @oncletom)
- \* Package: Update "ms" to 0.7.2 (#315, @DevSide)
- \* Package: removed superfluous version property from bower.json (#207 @kkirsche)
- \* Readme: fix USE\_COLORS to DEBUG\_COLORS
- \* Readme: Doc fixes for format string sugar (#269, @mlucool)
- \* Readme: Updated docs for DEBUG\_FD and DEBUG\_COLORS environment variables (#232, @mattlyons0)
- \* Readme: doc fixes for PowerShell (#271 #243, @exoticknight @unreadable)
- \* Readme: better docs for browser support (#224, @matthewmueller)
- \* Tooling: Added yarn integration for development (#317, @thebigredgeek)
- \* Misc: Renamed History.md to CHANGELOG.md (@thebigredgeek)
- \* Misc: Added license file (#226 #274, @CantemoInternal @sdaitzman)
- \* Misc: Updated contributors (@thebigredgeek)

### 2.2.0 / 2015-05-09

=====

- \* package: update "ms" to v0.7.1 (#202, @dougwilson)
- \* README: add logging to file example (#193, @DanielOchoa)
- \* README: fixed a typo (#191, @amir-s)
- \* browser: expose `storage` (#190, @stephenmathieson)
- \* Makefile: add a `distclean` target (#189, @stephenmathieson)

### 2.1.3 / 2015-03-13

=====

- \* Updated stdout/stderr example (#186)
- \* Updated example/stdout.js to match debug current behaviour
- \* Renamed example/stderr.js to stdout.js
- \* Update Readme.md (#184)
- \* replace high intensity foreground color for bold (#182, #183)

### 2.1.2 / 2015-03-01

=====

- \* dist: recompile
- \*
- update "ms" to v0.7.0
- \* package: update "browserify" to v9.0.3
- \* component: fix "ms.js" repo location

- \* changed bower package name
- \* updated documentation about using debug in a browser
- \* fix: security error on safari (#167, #168, @yields)

#### 2.1.1 / 2014-12-29

=====

- \* browser: use `typeof` to check for `console` existence
- \* browser: check for `console.log` truthiness (fix IE 8/9)
- \* browser: add support for Chrome apps
- \* Readme: added Windows usage remarks
- \* Add `bower.json` to properly support bower install

#### 2.1.0 / 2014-10-15

=====

- \* node: implement `DEBUG\_FD` env variable support
- \* package: update "browserify" to v6.1.0
- \* package: add "license" field to package.json (#135, @panuhorsmalhti)

#### 2.0.0 / 2014-09-01

=====

- \* package: update "browserify" to v5.11.0
- \* node: use stderr rather than stdout for logging (#29, @stephenmathieson)

#### 1.0.4 / 2014-07-15

=====

- \* dist: recompile
- \* example: remove `console.info()`  
log usage
- \* example: add "Content-Type" UTF-8 header to browser example
- \* browser: place %c marker after the space character
- \* browser: reset the "content" color via `color: inherit`
- \* browser: add colors support for Firefox >= v31
- \* debug: prefer an instance `log()` function over the global one (#119)
- \* Readme: update documentation about styled console logs for FF v31 (#116, @wryk)

#### 1.0.3 / 2014-07-09

=====

- \* Add support for multiple wildcards in namespaces (#122, @seegno)
- \* browser: fix lint

#### 1.0.2 / 2014-06-10

=====

- \* browser: update color palette (#113, @gscottolson)
- \* common: make console logging function configurable (#108, @timoxley)
- \* node: fix %o colors on old node <= 0.8.x
- \* Makefile: find node path using shell/which (#109, @timoxley)

1.0.1 / 2014-06-06

=====

- \* browser: use `removeItem()` to clear localStorage
- \* browser, node: don't set DEBUG if namespaces is undefined (#107, @leedm777)
- \* package:  
add "contributors" section
- \* node: fix comment typo
- \* README: list authors

1.0.0 / 2014-06-04

=====

- \* make ms diff be global, not be scope
- \* debug: ignore empty strings in enable()
- \* node: make DEBUG\_COLORS able to disable coloring
- \* \*: export the `colors` array
- \* npmignore: don't publish the `dist` dir
- \* Makefile: refactor to use browserify
- \* package: add "browserify" as a dev dependency
- \* Readme: add Web Inspector Colors section
- \* node: reset terminal color for the debug content
- \* node: map "%o" to `util.inspect()`
- \* browser: map "%j" to `JSON.stringify()`
- \* debug: add custom "formatters"
- \* debug: use "ms" module for humanizing the diff
- \* Readme: add "bash" syntax highlighting
- \* browser: add Firebug color support
- \* browser: add colors for WebKit browsers
- \* node: apply log to `console`
- \* rewrite: abstract common logic for Node & browsers
- \* add .jshintrc file

0.8.1 / 2014-04-14

=====

- \* package: re-add the  
"component" section

0.8.0 / 2014-03-30

=====

- \* add `enable()` method for nodejs. Closes #27

- \* change from stderr to stdout
- \* remove unnecessary index.js file

0.7.4 / 2013-11-13

=====

- \* remove "browserify" key from package.json (fixes something in browserify)

0.7.3 / 2013-10-30

=====

- \* fix: catch localStorage security error when cookies are blocked (Chrome)
- \* add debug(err) support. Closes #46
- \* add .browser prop to package.json. Closes #42

0.7.2 / 2013-02-06

=====

- \* fix package.json
- \* fix: Mobile Safari (private mode) is broken with debug
- \* fix: Use unicode to send escape character to shell instead of octal to work with strict mode javascript

0.7.1 / 2013-02-05

=====

- \* add repository URL to package.json
- \* add DEBUG\_COLORED to force colored output
- \* add browserify support
- \* fix component. Closes #24

0.7.0 / 2012-05-04

=====

- \* Added .component to package.json
- \* Added  
debug.component.js build

0.6.0 / 2012-03-16

=====

- \* Added support for "-" prefix in DEBUG [Vinay Pulim]
- \* Added ` .enabled ` flag to the node version [TooTallNate]

0.5.0 / 2012-02-02

=====

- \* Added: humanize diffs. Closes #8
- \* Added `debug.disable()` to the CS variant

- \* Removed padding. Closes #10
- \* Fixed: persist client-side variant again. Closes #9

0.4.0 / 2012-02-01

=====

- \* Added browser variant support for older browsers [TooTallNate]
- \* Added `debug.enable('project:\*')` to browser variant [TooTallNate]
- \* Added padding to diff (moved it to the right)

0.3.0 / 2012-01-26

=====

- \* Added millisecond diff when isatty, otherwise UTC string

0.2.0 / 2012-01-22

=====

- \* Added wildcard support

0.1.0 / 2011-12-02

=====

- \* Added: remove colors unless stderr isatty [TooTallNate]

0.0.1 / 2010-01-03

=====

- \* Initial release  
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#####

BezierEasing - use bezier curve for transition easing function  
by Gatan Renaudeau 2014 - 2015 MIT License

Credits: is based on Firefox's nsSMILKeySpline.cpp

Usage:

```
var spline = BezierEasing([ 0.25, 0.1, 0.25, 1.0 ])
```

```
spline.get(x) => returns the easing value | x must be in [0, 1] range
```

```
/**  
*****  
**/
```

```
/** Base64 - a simple base64 encoder and decoder.
```

```
/**
```

```
/** Copyright (c) 1999, Bob Withers - bwit@pobox.com
```

```
/**
```

```
/** This code may be freely used for any purpose, either personal
```

```
/** or commercial, provided the authors copyright notice remains
```

```
/** intact.
```

```
/**
```

```
/** Enhancements by Stanley Yamane:
```

```
/** o reverse lookup table for the decode function
```

```
/** o reserve string buffer space in advance
```

```
/**
```

```
/**  
*****  
**/
```

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That's all there is to it!

```
/*
 * SpanDSP - a series of DSP components for telephony
 *
 * g711.h - In line A-law and u-law conversion routines
 *
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 *
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 * detriment.
 */
wewidth.js: JavaScript Portng of Markus Kuhn's wewidth() Implementation
=====
```

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- # timers-browserify

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\* Version 1.3 -- 17-Mar-2006

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\* SpanDSP - a series of DSP components for telephony

\*

\* g722\_decode.c - The ITU G.722 codec, decode part.

\*

\* Written by Steve Underwood <steveu@coppice.org>

\*

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```
#!/usr/bin/env node
```

```
/*
```

```
Copyright (c) 2013, Yahoo! Inc. All rights reserved.
```

```
Code licensed under the BSD License:
```

```
http://yuilibrary.com/license/
```

```
*/
```

```
var checker = require('./lib/index');
```

```
var args = require('./lib/args').parse();
```

```
var mkdirp = require('mkdirp');
```

```
var path = require('path');
```

```
var chalk = require('chalk');
```

```
var fs = require('fs');
```

```
if (args.help) {
```

```
  console.error('license-checker@' + require('./package.json').version);
```

```
  var usage = [
```

```
    ",
```

```
    ' --production only show production dependencies.',
```

```
    ' --development only show development dependencies.',
```

```
    ' --unknown report guessed licenses as unknown licenses.',
```

```
    ' --start [path of the initial json to look for]',
```

```
    ' --onlyunknown only list packages with unknown or guessed licenses.',
```

```
    ' --json output in json format.',
```

```
    ' --csv output in csv format.',
```

```
    ' --csvComponentPrefix column prefix for components in csv file',
```

```
    ' --out [filepath] write
```

```
the data to a specific file.',
```

```
    ' --customPath to add a custom Format file in JSON',
```

```
    ' --exclude [list] exclude modules which licenses are in the comma-separated list from the output',
```

```
    ' --relativeLicensePath output the location of the license files as relative paths',
```

```
    ' --summary output a summary of the license usage',
```

```
    ' --failOn [list] fail (exit with code 1) on the first occurrence of the licenses of the semicolon-separated list',
```

```
    ' --onlyAllow [list] fail (exit with code 1) on the first occurrence of the licenses not in the semicolon-separated
```

```
list',
```

```
    ' --direct look for direct dependencies only',
```

```

    ' --packages [list] restrict output to the packages (package@version) in the semicolon-separated list',
    ' --excludePackages [list] restrict output to the packages (package@version) not in the semicolon-separated
list',
    ' --excludePrivatePackages restrict output to not include any package marked
as private',
    ",
    ' --version The current version',
    ' --help The text you are reading right now :)',
    "
];
console.error(usage.join('\n'), '\n');
process.exit(0);
}

if (args.version) {
    console.error(require('../package.json').version);
    process.exit(1);
}

if (args.failOn && args.onlyAllow) {
    console.error('--failOn and --onlyAllow can not be used at the same time. Choose one or the other. ');
    process.exit(1);
} else {
    var argValue = args.failOn || args.onlyAllow;
    if (argValue && argValue.indexOf(',') >= 0) {
        var argName = args.failOn ? 'failOn' : 'onlyAllow';
        console.warn('Warning: As of v17 the --' + argName + ' argument takes semicolons as delimiters instead of
commas (some license names can contain commas)');
    }
}

checker.init(args, function(err, json) {

    var formattedOutput = "";

    if (!!err) {
        console.error('Found error');
        console.error(err);
    }

    if (shouldColorizeOutput(args))
    {
        var keys = Object.keys(json);
        keys.forEach(function(key) {
            var keyParts = key.split('@');
            var coloredKey = chalk.blue(keyParts[0]) + chalk.dim('@') + chalk.green(keyParts[1]);
            json[coloredKey] = json[key];
            delete json[key];
        });
    }
});

```



```

    });
  }

  if (args.json) {
    formattedOutput = JSON.stringify(json, null, 2) + '\n';
  } else if (args.csv) {
    formattedOutput = checker.asCSV(json, args.customFormat, args.csvComponentPrefix);
  } else if (args.markdown){
    formattedOutput = checker.asMarkDown(json, args.customFormat) + '\n';
  } else if (args.summary) {
    formattedOutput = checker.asSummary(json);
  } else {
    formattedOutput = checker.asTree(json);
  }

  if (args.files) {
    checker.asFiles(json, args.files);
  } else if (args.out) {
    var dir = path.dirname(args.out);
    mkdirp.sync(dir);
    fs.writeFileSync(args.out, formattedOutput,
'utf8');
  } else {
    console.log(formattedOutput);
  }
});

function shouldColorizeOutput(args) {
  return args.color && !args.out && !(args.csv || args.json || args.markdown);
}

```

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- \* Added @Override annotation to generated Java code where appropriate.

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- \* Solaris 10 + Sun Studio fixes.

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- \* Slicing support for repeated scalar fields for the Python API.

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- \* MS Visual Studio error format option.
- \* Detect unordered\_map in stl\_hash.m4.

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- \* gzip/zlib I/O support.

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- \* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
- \* Added generation of field number constants.

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- \* Fixed initialization ordering problem in logging code.

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- \* Small patch improving performance of in Python serialization.

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- \* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

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- \* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

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- \* HPUX support.

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- \* Detect whether zlib is new enough in configure script.
- \* Fixes for Solaris 10 32/64-bit confusion.

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- \* Optimize Java serialization code when writing a small message to a stream.
- \* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
- \* Clean up some Java warnings.
- \* Fix bug with permanent callbacks that delete themselves when run.

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- \* Added CodedInputStream.getTotalBytesRead().

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- \* Fixed m4/acx\_pthread.m4 problem for some Linux distributions.

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- \* Fixed detection of sched\_yield on Solaris.
- \* Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

- \* Fixed minor IBM xLC compiler build issues
- \* Added atomicops for AIX (POWER)

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- (vi) Licensee shall not distribute, sublicense or disclose source code of Licensed Software to any third party (provided however that Licensee may appoint employee(s) of Contractors as Designated Users to use Licensed Software pursuant to this Agreement). Such right may be available for the Licensee subject to a separate software development kit ("SDK") license agreement to be concluded with The Qt Company;
- (vii) Licensee shall not grant the Customers a right to (i) make copies of the Redistributables except when and to the extent required to use the Applications and/or Devices for their intended purpose, (ii) modify

- the Redistributables
- or create derivative works thereof, (iii)
- decompile, disassemble or otherwise reverse engineer Redistributables,
- or (iv) redistribute any copy or portion of the Redistributables to any third party, except as part of the onward sale of the Device on which the Redistributables are installed;
- (viii) Licensee shall not and shall cause that its Affiliates or Contractors shall not use Licensed Software in any Prohibited Combination, unless Licensee has received an advance written permission from The Qt Company to do so. Absent such written permission, any and all distribution by the Licensee during the Term of a hardware device or product a) which incorporate or integrate any part of Licensed Software or Open Source Qt; or b) where the main user interface or substantial functionality is provided by software built with Licensed Software or Open Source Qt or otherwise depends
- on the Licensed Software or Open Source Qt, shall be considered to be Device distribution under this Agreement and shall be dependent on Licensee's compliance thereof (including but not limited to obligation to pay applicable License Fees for such distribution). Notwithstanding what is provided above in this sub-section (viii), Licensee is entitled to use and combine Licensed Software with any Permitted Software;
- (ix) Licensee shall cause all of its Affiliates and Contractors entitled to make use of the licenses granted under this Agreement, to be contractually bound to comply with the relevant terms of this Agreement and not to use the Licensed Software beyond the terms hereof and for any purposes other than operating within the scope of their services for Licensee. Licensee shall be responsible for any and all actions and omissions
- of its Affiliates and Contractors
- relating to the Licensed Software and use thereof (including but not limited to payment of all applicable License Fees);
- (x) Except when and to the extent explicitly provided in this Section 3, Licensee shall not transfer, publish, disclose, display or otherwise make available the Licensed Software; and
- (xi) Licensee shall not attempt or enlist a third party to conduct or attempt to conduct any of the above.

Above terms shall not be applicable if and to the extent they conflict with any mandatory provisions of any applicable laws.

Any use of Licensed Software beyond the provisions of this Agreement is strictly prohibited and requires an additional license from The Qt Company.

#### 4. THIRD-PARTY SOFTWARE

The Licensed Software may provide links to third party libraries or code (collectively "Third-Party Software") to implement various functions.

Third-Party Software does not comprise part of the Licensed Software. In some cases, access to Third-Party Software may be included with the Licensed Software. Such Third-Party Software will be listed in the ".../src/3rdparty" source tree delivered with the Licensed Software or documented in the Licensed Software, as such may be amended from time to time. Licensee acknowledges that use or distribution of Third-Party Software is in all respects subject to applicable license terms of applicable third-party right holders.

## 5. PRE-RELEASE CODE

The Licensed Software may contain pre-release code and functionality, or sample code marked or otherwise stated with appropriate designation such as "Technology Preview", "Alpha", "Beta", "Sample" etc. ("Pre-Release Code").

Such Pre-Release Code may be present complimentary for the Licensee, in order to provide experimental support or information for new platforms or preliminary versions of one or more new functionalities or for other similar reasons. The Pre-Release Code may not be at the level of performance and compatibility of a final, generally available, product offering. The Pre-Release Code may not operate correctly, may contain errors and may be substantially modified by The Qt Company prior to the first commercial product release, if any. The Qt Company is under no obligation to make Pre-Release Code commercially available, or provide any Support or Updates relating thereto. The Qt Company assumes no liability whatsoever regarding any Pre-Release Code, but any use thereof is exclusively at Licensee's own risk and expense.

For clarity, unless Licensed Software specifies different license terms for the respective Pre-Release Code, the Licensee is entitled to use such pre-release code pursuant to Section 3, just like other Licensed Software, provided however that in the event Add-on Products are included and available as such Pre-Release Code, Licensee's right to use such Add-on Products is nevertheless subject to and conditional upon conclusion of separate agreement with The Qt Company.

## 6. LIMITED WARRANTY AND WARRANTY DISCLAIMER

The Qt Company hereby represents and warrants that it has the power and authority to grant the rights and licenses granted to Licensee under this Agreement.

Except as set forth above, the Licensed Software is licensed to Licensee "as is" and Licensee's exclusive remedy and The Qt Company's entire liability for errors in the Licensed Software shall be limited, at The Qt Company's option, to correction of the error, replacement of the Licensed Software or return of the applicable fees paid for the defective Licensed Software for

the time period during which the License is not able to utilize the Licensed Software under the terms of this Agreement.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE QT COMPANY ON BEHALF OF ITSELF AND ITS LICENSORS, SUPPLIERS AND AFFILIATES, DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT WITH REGARD TO THE LICENSED SOFTWARE. THE QT COMPANY DOES NOT WARRANT THAT THE LICENSED SOFTWARE WILL SATISFY LICENSEE'S REQUIREMENTS OR THAT IT WILL OPERATE WITHOUT DEFECT OR ERROR OR THAT THE OPERATION THEREOF WILL BE UNINTERRUPTED.

## 7. INDEMNIFICATION AND LIMITATION OF LIABILITY

### 7.1. Limitation of Liability

EXCEPT FOR (I) CASES OF GROSS NEGLIGENCE OR INTENTIONAL MISCONDUCT, AND (II) BREACH OF CONFIDENTIALITY, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL EITHER PARTY BE LIABLE TO THE OTHER PARTY FOR ANY LOSS OF PROFIT, LOSS OF DATA, LOSS OF BUSINESS OR GOODWILL OR ANY OTHER INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE COST, DAMAGES OR EXPENSE OF ANY KIND, HOWSOEVER ARISING UNDER OR IN CONNECTION WITH THIS AGREEMENT.

EXCEPT FOR (I) CASES OF GROSS NEGLIGENCE OR INTENTIONAL MISCONDUCT, AND (II) BREACH OF CONFIDENTIALITY, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL EITHER PARTY'S TOTAL AGGREGATE LIABILITY UNDER THIS AGREEMENT EXCEED THE AGGREGATE LICENSE FEES PAID OR PAYABLE TO THE QT COMPANY FROM LICENSEE DURING THE PERIOD OF TWELVE (12) MONTHS IMMEDIATELY PRECEDING THE EVENT RESULTING IN SUCH LIABILITY.

THE PROVISIONS OF THIS SECTION 7 ALLOCATE THE RISKS UNDER THIS AGREEMENT BETWEEN THE QT COMPANY AND LICENSEE AND THE PARTIES HAVE RELIED UPON THE LIMITATIONS SET FORTH HEREIN IN DETERMINING WHETHER TO ENTER INTO THIS AGREEMENT.

NOTWITHSTANDING ANYTHING TO THE CONTRARY IN THIS AGREEMENT, LICENSEE SHALL ALWAYS BE LIABLE TO PAY THE APPLICABLE LICENSE FEES CORRESPONDING TO ITS ACTUAL USE OF LICENSED SOFTWARE.

## 8. SUPPORT, UPDATES AND ONLINE SERVICES

Upon due payment of the agreed License Fees the Licensee will be eligible to receive Support and Updates and to use the Online Services during the License Term, provided, however, that in the event the License Term is longer than 36 months, the initial payment includes Support for only the first 12 months, unless the Parties specifically



otherwise agree.

Unless otherwise decided by The Company at its free and absolute discretion, Upgrades will not be included in the Support but may be available subject to additional fees.

From time to time The Qt Company may change the Support terms, provided that during the respective ongoing License Term the level of Support provided by The Qt Company may not be reduced without the consent of the Licensee.

Unless otherwise agreed, The Qt Company shall not be responsible for providing any service or support to Customers.

## 9. CONFIDENTIALITY

Each Party acknowledges that during the Term of this Agreement each Party may receive information about the other Party's business, business methods, business plans, customers, business relations, technology, and other information, including the terms of this Agreement, that is confidential and of great value to the other Party, and the value of which would be significantly reduced if disclosed to third parties ("Confidential Information").

Accordingly, when a Party (the "Receiving Party") receives Confidential Information from the other Party (the "Disclosing Party"), the Receiving Party shall only disclose such information to employees and Contractors on a need to know basis, and shall cause its employees and employees of its Affiliates to: (i) maintain any and all Confidential Information in confidence; (ii) not disclose the Confidential Information to a third party without the Disclosing Party's prior written approval; and (iii) not, directly or indirectly, use the Confidential Information for any purpose other than for exercising its rights and fulfilling its responsibilities pursuant to this Agreement. Each Party shall take reasonable measures to protect the Confidential Information of the other Party, which measures shall not be less than the measures taken by such Party to protect its own confidential and proprietary information.

Obligation of confidentiality shall not apply to information that (i) is or becomes generally known to the public through no act or omission of the Receiving Party; (ii) was in the Receiving Party's lawful possession prior to the disclosure hereunder and was not subject to limitations on disclosure or use; (iii) is developed independently by employees or Contractors of the Receiving Party or other persons working for the Receiving Party who have not had access to the Confidential Information of the Disclosing Party, as proven by the written records of the Receiving Party; (iv) is lawfully disclosed to the Receiving Party without restrictions, by a third party not under an obligation of confidentiality; or (v) the Receiving Party is legally compelled to disclose, in which case the Receiving Party shall notify the Disclosing

Party of such compelled disclosure and assert the privileged and confidential nature of the information and cooperate fully with the Disclosing Party to limit the scope of disclosure and the dissemination of disclosed Confidential Information to the minimum extent necessary.

The obligations under this Section 9 shall continue to remain in force for a period of five (5) years after the last disclosure, and, with respect to trade secrets, for so long as such trade secrets are protected under applicable trade secret laws.

## 10. FEES, DELIVERY AND PAYMENT

### 10.1. License Fees

License Fees are described in The Qt Company's standard price list, quote or Purchase Order confirmation or in an appendix hereto, as the case may be.

The License Fees shall not be refunded or claimed as a credit in any event or for any reason whatsoever.

### 10.2. Ordering Licenses

Licensee may purchase Development Licenses and Distribution Licenses pursuant to agreed pricing terms or, if no specific pricing terms have been agreed upon, at The Qt Company's standard pricing terms applicable at the time of purchase. Unless specifically otherwise provided, any pricing terms referenced in this Agreement shall be valid for twelve (12) months from the date of this Agreement.

Licensee shall submit all purchase orders for Development Licenses and Distribution Licenses to The Qt Company by email or any other method acceptable to The Qt Company (each such order is referred to herein as a "Purchase Order") for confirmation, whereupon the Purchase Order shall become binding between the Parties.

### 10.3. Distribution License Packs

Unless otherwise agreed, Distribution Licenses shall be purchased by way of Distribution License Packs.

Upon due payment of the ordered Distribution License Pack(s), the Licensee will have an account of Distribution Licenses available for distributing the Redistributables in accordance with this Agreement.

Each time Licensee distributes a copy of Redistributables, then one Distribution License is used, and Licensee's account of available Distribution Licenses is decreased accordingly.

Licensee may distribute copies of the Redistributables so long as Licensee

has Distribution Licenses remaining on its account.

#### 10.4. Payment

##### Terms

License Fees and any other charges under this Agreement shall be paid by Licensee no later than thirty (30) days from the date of the applicable invoice from The Qt Company.

The Qt Company will submit an invoice to Licensee after the date of this Agreement and/or after The Qt Company receives a Purchase Order from Licensee.

A late payment charge of the lower of (a) one percent per month; or (b) the interest rate stipulated by applicable law, shall be charged on any unpaid balances that remain past due.

#### 10.5. Taxes

All License Fees and other charges payable hereunder are gross amounts but exclusive of any value added tax, use tax, sales tax, withholding tax and other taxes, duties or tariffs ("Taxes") levied directly for the sale, delivery or use of Licensed Software hereunder pursuant to any applicable law. Such applicable Taxes shall be paid by Licensee to The Qt Company, or, where applicable, in lieu of payment of such Taxes to The Qt Company, Licensee shall provide an exemption certificate to The Qt Company and any applicable authority.

### 11. RECORD-KEEPING AND REPORTING OBLIGATIONS; AUDIT RIGHTS

#### 11.1. Licensee's Record-keeping

Licensee shall at all times during the Term of this Agreement and for a period of seven (7) years thereafter maintain Licensee's Records in an accurate and up-to-date form. Licensee's Records shall be adequate to reasonably enable The Qt Company to determine Licensee's compliance with the provisions of this Agreement. The records shall conform to general good accounting practices.

Licensee shall, within thirty (30) days from receiving The Qt Company's request to that effect, deliver to The Qt Company a report based on Licensee's Records, such report to contain information, in sufficient detail, on (i) number and identity of users working with Licensed Software or Open Source Qt, (ii) copies of Redistributables distributed by Licensee during the most recent calendar quarter and/or any other term specified by The Qt Company, (iii) number of undistributed copies of Redistributables and corresponding number of unused Distribution Licenses remaining on Licensee's account, and (iv) any other information as The Qt Company may reasonably require from time to time.

## 11.2. The Qt Company's Audit Rights

The Qt Company or an independent auditor acting on behalf of The Qt Company's, may, upon at least five (5) business days' prior written notice and at its expense, audit Licensee with respect to the Licensee's use of the Licensed Software, but not more frequently than once during each 6-month period. Such audit may be conducted by mail, electronic means or through an in-person visit to Licensee's place of business. Any such in-person audit shall be conducted during regular business hours at Licensee's facilities and shall not unreasonably interfere with Licensee's usiness activities. The Qt Company or the independent auditor acting on behalf of The Qt Company shall be entitled to inspect Licensee's Records and conduct

necessary interviews of Licensee's relevant employees and Contractors. All such Licensee's Records and use thereof shall be subject to an obligation of confidentiality under this Agreement.

If an audit reveals that Licensee is using the Licensed Software beyond scope of the licenses Licensee has paid for, Licensee agrees to pay The Qt Company any amounts owed for such unauthorized use within 30 days from receipt of the corresponding invoice from The Qt Company.

In addition, in the event the audit reveals a material violation of the terms of this Agreement (without limitation, either (i) underpayment of more than 10 % of License Fees or 10,000 euros (whichever is more) or (ii) distribution of products, which include or result from Prohibited Combination, shall be deemed a material violation for purposes of this section), then the Licensee shall pay The Qt Company's reasonable cost of conducting such audit.

## 12. TERM AND TERMINATION

### 12.1. Agreement Term

This Agreement shall enter into

force upon due acceptance by both

Parties and remain in force for as long as there is any Development License(s) purchased under this Agreement in force ("Term"), unless and until terminated pursuant to the terms of this Section 12.

### 12.2. Termination and suspension of rights

Either Party shall have the right to terminate this Agreement upon thirty (30) days prior written notice if the other Party commits a material breach of any obligation of this Agreement and fails to remedy such breach within such notice period.

Instead of termination, The Qt Company shall have the right to suspend or withhold grants of all rights to the Licensed Software hereunder, including but not limited to the Development Licenses, Distribution License, and Support, should Licensee fail to make payment in timely fashion or otherwise violates or is reasonably suspected to violate its

obligations or terms of this Agreement, and where such violation or breach is not cured within five (5) business days following

The Qt Company's  
written notice thereof.

### 12.3. Mutual Right to Terminate

Either Party shall have the right to terminate this Agreement immediately upon written notice in the event that the other Party becomes insolvent, files for any form of bankruptcy, makes any assignment for the benefit of creditors, has a receiver, administrative receiver or officer appointed over the whole or a substantial part of its assets, ceases to conduct business, or an act equivalent to any of the above occurs under the laws of the jurisdiction of the other Party.

### 12.4. Parties' Rights and Duties upon Termination

Upon expiry or termination of the Agreement, Licensee shall cease and shall cause all Designated Users (including those of its Affiliates' and Contractors') to cease using the Licensed Software and distribution of the Redistributables under this Agreement.

Notwithstanding the above, in the event the Agreement expires or is terminated:

- (i) as a result of The Qt Company choosing not to renew the Development License(s) as set forth in Section 3.1, then all valid licenses possessed by the Licensee at such date shall be extended to be valid in perpetuity under the terms of this Agreement and Licensee is entitled to purchase additional licenses as set forth in Section 10.2; or
- (ii) for reason other than by The Qt Company pursuant to item (i) above or pursuant to Section 12.2, then the Licensee is entitled, for a period of six (6) months after the effective date of termination, to continue distribution of Devices under the Distribution Licenses paid but unused at such effective date of termination.

Upon any such termination the Licensee shall destroy or return to The Qt Company all copies of the Licensed Software and all related materials and will certify the same to The Qt Company upon its request, provided however that Licensee may retain and exploit such copies of the Licensed Software as it may reasonably require in providing continued support to Customers.

Expiry or termination of this Agreement for any reason whatsoever shall not relieve Licensee of its obligation to pay any License Fees accrued or payable to The Qt Company prior to the effective date of termination, and Licensee shall immediately pay to The Qt Company all such fees upon the effective date of termination. Termination of this Agreement shall not affect any rights of Customers to continue use of Applications and Devices (and therein incorporated Redistributables).

### 12.5. Extension in case of bankruptcy

In the event The Qt Company is declared bankrupt under a final, non-cancellable decision by relevant court of law, and this Agreement is not, at the date of expiry of the Development License(s) pursuant to Section 3.1, assigned to party, who has assumed The Qt Company's position as a legitimate licensor of Licensed Software under this Agreement, then all valid licenses possessed by the Licensee at such date of expiry, and which the Licensee has not notified for expiry, shall be extended to be valid in perpetuity under the terms of this Agreement.

### 13. GOVERNING LAW AND LEGAL VENUE

In the event this Agreement is in the name of The Qt Company Inc., a Delaware Corporation, then:

- (i) this Agreement shall be construed and interpreted in accordance with the laws of the State of California, USA, excluding its choice of law provisions;
- (ii) the United Nations Convention on Contracts for the International Sale of Goods will not apply to this Agreement; and
- (iii) any dispute, claim or controversy arising out of or relating to this Agreement or the breach, termination, enforcement, interpretation or validity thereof, including the determination of the scope or applicability of this Agreement to arbitrate, shall be determined by arbitration in San Francisco, USA, before one arbitrator. The arbitration shall be

administered by JAMS pursuant to JAMS'

Streamlined Arbitration Rules and Procedures. Judgment on the Award may be entered in any court having jurisdiction. This Section shall not preclude parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction.

In the event this Agreement is in the name of The Qt Company Ltd., a Finnish Company, then:

- (i) this Agreement shall be construed and interpreted in accordance with the laws of Finland, excluding its choice of law provisions;
- (ii) the United Nations Convention on Contracts for the International Sale of Goods will not apply to this Agreement; and
- (iii) any disputes, controversy or claim arising out of or relating to this Agreement, or the breach, termination or validity thereof shall be finally settled by arbitration in accordance with the Arbitration Rules of Finland Chamber of Commerce. The arbitration tribunal shall

consist of one (1), or if either Party so requires, of three (3), arbitrators. The award shall be final and binding and enforceable in any court of competent jurisdiction. The arbitration shall be held in Helsinki, Finland and the process shall be conducted in the

English language. This Section shall not preclude parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction.

#### 14. GENERAL PROVISIONS

##### 14.1. No Assignment

Except in the case of a merger or sale of substantially all of its corporate assets, Licensee shall not be entitled to assign or transfer all or any of its rights, benefits and obligations under this Agreement without the prior written consent of The Qt Company, which shall not be unreasonably withheld or delayed. The Qt Company shall be entitled to freely assign or transfer any of its rights, benefits or obligations under this Agreement.

##### 14.2. No Third-Party

###### Representations

Licensee shall make no representations or warranties concerning the Licensed Software on behalf of The Qt Company. Any representation or warranty Licensee makes or purports to make on The Qt Company's behalf shall be void as to The Qt Company.

##### 14.3. Surviving Sections

Any terms and conditions that by their nature or otherwise reasonably should survive termination of this Agreement shall so be deemed to survive. Such sections include especially the following: 1, 2, 6, 7, 9, 11, 12.4, 13 and 14.

##### 14.4. Entire Agreement

This Agreement, the exhibits hereto, the License Certificate and any applicable Purchase Order accepted by The Qt Company constitute the complete agreement between the Parties and supersedes all prior or contemporaneous discussions, representations, and proposals, written or oral, with respect to the subject matters discussed herein.

In the event of any conflict or inconsistency between this Agreement and any Purchase Order, the terms of this Agreement will prevail over the terms of the Purchase Order with respect to such conflict or inconsistency.

Parties specifically acknowledge and agree that this Agreement prevails over any click-to-accept or similar agreements the Designated Users may need to accept online upon download of the Licensed Software, as may be required by The Qt Company's applicable processes relating to Licensed Software.

##### 14.5. Modifications

No modification of this Agreement shall be effective unless contained in a writing executed by an authorized representative of each Party. No term or condition contained in Licensee's Purchase Order ("Deviating Terms") shall

apply unless The Qt Company has expressly agreed such Deviating Terms in writing. Unless and to the extent expressly agreed by The Qt Company, any such Deviating Terms shall be deemed void and with no legal effect. For clarity, delivery of the Licensed Software following the receipt of the Purchase Order including Deviating Terms shall not constitute acceptance of such Deviating Terms."

#### 14.6. Force Majeure

Except for the payment obligations hereunder, neither Party shall be liable to the other for any delay or non-performance of its obligations hereunder in the event and to the extent that such delay or non-performance is due to an event of act of God, terrorist attack or other similar unforeseeable catastrophic event that prevents either Party for fulfilling its obligations under this Agreement and which such Party cannot avoid or circumvent ("Force Majeure Event"). If the Force Majeure Event results in a delay or non-performance of a Party for a period of three (3) months or longer, then either Party shall have the right to terminate this Agreement with immediate effect without any liability (except for the obligations of payment arising prior to the event of Force Majeure) towards the other Party.

#### 14.7. Notices

Any notice given by one Party to the other shall be deemed properly given and deemed received if specifically acknowledged by the receiving Party in writing or when successfully delivered to the recipient by hand, fax, or special courier during normal business hours on a business day to the addresses specified for each Party on the signature page. Each communication and document made or delivered by one Party to the other Party pursuant to this Agreement shall be in the English language.

#### 14.8. Export Control

Licensee acknowledges that the Redistributables, as incorporated in Applications or Devices, may be subject to export control restrictions under the applicable laws of respective countries. Licensee shall fully comply with all applicable export license restrictions and requirements as well as with all laws and regulations relating to the Redistributables and exercise of licenses hereunder and shall procure all necessary governmental authorizations, including without limitation, all necessary licenses, approvals, permissions or consents, where necessary for the re-exportation of the Redistributables, Applications and/or Devices.

#### 14.9. No Implied License

There are no implied licenses or other implied rights granted under this Agreement, and all rights, save for those expressly granted hereunder, shall remain with The Qt Company and its licensors. In addition, no licenses



or immunities are granted to the combination of the Licensed Software with any other software or hardware not delivered by The Qt Company under this Agreement.

#### 14.10. Attorney Fees

The prevailing Party in any action to enforce this Agreement shall be entitled to recover its attorney's fees and costs in connection with such action.

#### 14.11. Privacy

Licensee acknowledges and agrees that for the purpose of this Agreement, The Qt Company may collect, use, transfer and disclose personal data pertaining to Designated Users as well as any other employees and directors of the Licensee and its Contractors relevant for carrying out the intent of this Agreement. Such personal data may be collected from the Licensee or directly from the relevant individuals. The Parties acknowledge that with regard to such personal data processed hereunder, The Qt Company shall be regarded as the Data Controller under the applicable Data Protection Legislation. The Qt Company shall process any such personal data in accordance with its privacy policies and practices, which will comply with all applicable requirements of the Data Protection Legislation.

#### 14.12. Severability

If any provision of this Agreement shall be adjudged by any court of competent jurisdiction to be unenforceable or invalid, that provision shall be limited or eliminated to the minimum extent necessary so that this Agreement shall otherwise remain in full force and effect and enforceable.

### APPENDICES

The Agreement includes Appendix 1, and possibly one or more of the appendices 3-5, depending on the product(s) purchased by the Licensee, what is stated in the quote or invoice, and/or what is stated in the Licensee's License Certificate.

### APPENDIX 1

The modules and/or tools that are included in the respective product - Qt for Application Development (QtAD), Qt for Device Creation (QtDC), Qt for MCUs (QtMCU), Qt 3D Studio (Qt3DS) and Qt Design Studio (QtDS) - are marked with 'X' in the below table.

Parts of the product that are permitted for distribution in object-code form only ("Redistributables") are marked with 'R' in the below table.

+-----+

Modules / Tools	QtAD	QtDC	QtMCU	Qt3DS	QtDS
Qt Core	X, R	X, R			
Qt GUI	X, R	X, R			
Qt Multimedia	X, R	X, R			
Qt Multimedia Widgets	X, R	X, R			
Qt Network	X, R	X, R			
Qt QML	X, R	X, R			
Qt Quick	X, R	X, R			
Qt Quick Controls 2	X, R	X, R			
Qt Quick Dialogs	X, R	X, R			
Qt Quick Layouts	X, R	X, R			
Qt Quick Test	X, R	X, R			
Qt SQL	X, R	X, R			
Qt Test	X, R	X, R			
Qt Widgets	X, R	X, R			
Active Qt	X, R	X, R			
Qt 3D	X, R	X, R			
Qt Android Extras	X, R	X, R			
Qt Bluetooth	X, R	X, R			
Qt Canvas 3D	X, R	X, R			
Qt Concurrent	X, R	X, R			
Qt D-Bus	X, R	X, R			
Qt Gamepad	X, R	X, R			

Qt Graphical Effects	X, R	X, R			
Qt Help	X, R	X, R			
Qt Image Formats	X, R	X, R			
Qt Location	X, R	X, R			
Qt Mac Extras	X, R	X, R			
Qt Network Authorization	X, R	X, R			
Qt NFC	X, R	X, R			
Qt Platform Headers	X, R	X, R			
Qt Positioning	X, R	X, R			
Qt Print Support	X, R	X, R			
Qt Purchasing	X, R	X, R			
Qt for Python	X, R	X, R			
Qt Quick Controls	X, R	X, R			
Qt Quick Extras	X, R	X, R			
Qt Quick Widgets	X, R	X, R			
Qt SCXML	X, R	X, R			
Qt Sensors	X, R	X, R			
Qt Serial Bus	X, R	X, R			
Qt Serial Port	X, R	X, R			
Qt Speech	X, R	X, R			
Qt SVG	X, R	X, R			
Qt UI Tools					

	X	R	X	R				
Qt WebChannel	X	R	X	R				
Qt WebEngine	X	R	X	R				
Qt WebSockets	X	R	X	R				
Qt WebView	X	R	X	R				
Qt Windows Extras	X	R	X	R				
Qt X11 Extras	X	R	X	R				
Qt XML	X	R	X	R				
Qt XML Patterns	X	R	X	R				
Qt Wayland Compositor	X	R	X	R				
Qt Charts	X	R	X	R				
Qt Data visualization	X	R	X	R				
Qt Virtual Keyboard	X	R	X	R				
Boot 2 Qt stack		X	R					
Qt OTA		X	R					
Device Utilities		X	R					
Qt Debugging Bridge (QDB) Daemon		X	R					
Qt Quick Ultralite Controls			X	R				
Qt Quick Ultralite			X	R				
Qt Creator	X	X	X					
Qt Designer (Qt Widget Designer)	X	X						
Qt Quick Designer (Qt Creator plugin)	X	X	X					

Qt Linguist	X   X   X
+-----+	
Qt Assistant	X   X   X
+-----+	
Lupdate	X   X   X
+-----+	
Lrelease	X   X   X
+-----+	
Qmake	X   X
+-----+	
Uic	X   X
+-----+	
Rcc	X   X
+-----+	
Qlalr	X   X
+-----+	
Qdoc	X   X
+-----+	
Qmlscene	X   X
+-----+	
Qmlviewer	X   X
+-----+	
Target toolchains	X   X
+-----+	
Qt Debugging Bridge (QDB) Host	X
Tools	
+-----+	
qtconfig-gui	X
+-----+	
Qt Emulator	X
+-----+	
Qmlinterfacegenerator	X
+-----+	
Qmltocpp	X
+-----+	
qulfontcompiler	X
+-----+	
Qt53DStudioRuntime2	X, R
+-----+	
Qt 3D Studio	X
+-----+	
Qt Design Studio	X
+-----+	

APPENDIX 3: ADDITIONS TO LICENSED SOFTWARE

In addition to what is provided under the definition of the Licensed Software, Parties agree that Licensed Software shall also include the Add-On Products of The Qt Company, as mentioned in this Appendix, if included in the quote / invoice.

The Modules and/or Tools of the Licensed Software that are included with each Add-On Product respectively are marked with 'X' in the below table.

Parts of the respective Add-On Product that are permitted for distribution in object-code form only ("Redistributables") are marked with 'R' in the below table.

-----+							
	Add-On Product(s)						
	-----+						
Modules / Tools of Licensed Software	Qt for Automation	Qt Suite	Qt Automotive	Qt Safe	Qt Application	Qt GammaRay	Qt Deployment
	Qt M2M	Qt Suite	Qt Renderer	Qt Manager	Qt Platform	Qt Package	
	Protocols						
-----+							
Qt MQTT	X, R						
-----+							
Qt KNX	X, R						
-----+							
Qt OPC UA	X, R						
-----+							
Qt CoAP	X, R						
-----+							
Qt Safe Renderer		X, R	X, R				
-----+							
Qt Application Manager		X, R		X, R			
-----+							
Qt IVI		X, R					
-----+							
Reference UI		X, R					
-----+							
Qt GENIVI Extras		X, R					
-----+							
QML Live		X					
-----+							
Qt Creator							

X									
Deployment									
Qt Creator Plugin for Qt Application Manager		X			X				
Qt Automotive Suite Deployment Server		X							
Qt Design Studio		X							
Qt 3D Studio		X							
GammaRay		X				X			
Platform adaptations for specified Deployment Platforms								X	
Qt for Device Creation		X							

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curl

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dynamic\_annotations

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eigen3

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```
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```

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-----  
Following

applies to:

```
./test/mapstaticmethods.cpp  
./test/schur_real.cpp  
./test/prec_inverse_4x4.cpp  
./test/smallvectors.cpp  
./test/redux.cpp  
./test/special_numbers.cpp  
./test/adjoint.cpp  
./test/resize.cpp  
./test/mixingtypes.cpp  
./test/product_trmv.cpp  
./test/sparse_solvers.cpp  
./test/cholesky.cpp  
./test/geo_quaternion.cpp  
./test/miscmatrices.cpp  
./test/stddeque.cpp  
./test/integer_types.cpp  
./test/product_large.cpp  
./test/eigensolver_generic.cpp  
./test/householder.cpp  
./test/geo_orthomethods.cpp  
./test/array_for_matrix.cpp  
./test/sparseLM.cpp  
./test/upperbidiagonalization.cpp  
./test/nomalloc.cpp  
./test/packetmath.cpp  
./test/jacobisvd.cpp  
./test/geo_transformations.cpp  
./test/swap.cpp  
./test/eigensolver_selfadjoint.cpp  
./test/inverse.cpp  
./test/product_selfadjoint.cpp  
./test/product_trsolve.cpp  
./test/product_extra.cpp  
./test/sparse_solver.h  
./test/mapstride.cpp  
./test/mapped_matrix.cpp  
./test/geo_eulerangles.cpp
```

./test/eigen2support.cpp  
./test/denseLM.cpp  
./test/stdvector.cpp  
./test/nesting\_ops.cpp  
./test/sparse\_permutations.cpp  
./test/zerosized.cpp  
./test/exceptions.cpp  
./test/vectorwiseop.cpp  
./test/cwiseop.cpp  
./test/basicstuff.cpp  
./test/product\_trmm.cpp  
./test/linearstructure.cpp  
./test/sparse\_product.cpp  
./test/stdvector\_overload.cpp  
./test/stable\_norm.cpp  
./test/umeyama.cpp  
./test/unalignedcount.cpp  
./test/triangular.cpp  
./test/product\_mmtr.cpp  
./test/sparse\_basic.cpp  
./test/sparse\_vector.cpp  
./test/meta.cpp  
./test/real\_qz.cpp  
./test/ref.cpp  
./test/eigensolver\_complex.cpp  
./test/cholmod\_support.cpp  
./test/conjugate\_gradient.cpp  
./test/sparse.h  
./test/simplicial\_cholesky.cpp  
./test/bicgstab.cpp  
./test/dynalloc.cpp  
./test/product\_notemporary.cpp  
./test/geo\_hyperplane.cpp  
./test/lu.cpp  
./test/qr.cpp  
./test/hessenberg.cpp  
./test/sizeof.cpp  
./test/main.h  
./test/selfadjoint.cpp  
./test/permutationmatrices.cpp  
./test/superlu\_support.cpp  
./test/qtvector.cpp  
./test/geo\_homogeneous.cpp  
./test/determinant.cpp  
./test/array\_reverse.cpp  
./test/unalignedassert.cpp  
./test/stdlist.cpp  
./test/product\_symm.cpp

./test/corners.cpp  
./test/dontalign.cpp  
./test/visitor.cpp  
./test/geo\_alignedbox.cpp  
./test/diagonalmatrices.cpp  
./test/product\_small.cpp  
./test/eigensolver\_generalized\_real.cpp  
./test/umfpack\_support.cpp  
./test/first\_aligned.cpp  
./test/qr\_fullpivoting.cpp  
./test/array\_replicate.cpp  
./test/geo\_parametrizedline.cpp  
./test/eigen2/eigen2\_unalignedassert.cpp  
./test/eigen2/eigen2\_prec\_inverse\_4x4.cpp  
./test/eigen2/eigen2\_alignedbox.cpp  
./test/eigen2/eigen2\_sparse\_product.cpp  
./test/eigen2/eigen2\_meta.cpp  
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./test/eigen2/eigen2\_visitor.cpp  
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./test/eigen2/eigen2\_mixingtypes.cpp  
./test/eigen2/eigen2\_qr.cpp  
./test/eigen2/eigen2\_cwiseop.cpp  
./test/eigen2/eigen2\_geometry\_with\_eigen2\_prefix.cpp  
./test/eigen2/eigen2\_smallvectors.cpp  
./test/eigen2/eigen2\_commainitializer.cpp  
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./test/eigen2/sparse.h  
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./test/eigen2/eigen2\_basicstuff.cpp  
./test/eigen2/gsl\_helper.h  
./test/eigen2/eigen2\_dynalloc.cpp  
./test/eigen2/eigen2\_array.cpp  
./test/eigen2/eigen2\_map.cpp  
./test/eigen2/main.h

./test/eigen2/eigen2\_miscmatrices.cpp  
./test/eigen2/eigen2\_product\_large.cpp  
./test/eigen2/eigen2\_first\_aligned.cpp  
./test/eigen2/eigen2\_cholesky.cpp  
./test/eigen2/eigen2\_determinant.cpp  
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./test/eigen2/eigen2\_qtvector.cpp  
./test/eigen2/eigen2\_sparse\_vector.cpp  
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./test/array.cpp  
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./test/qr\_colpivoting.cpp  
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./test/block.cpp  
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./demos/mix\_eigen\_and\_c/example.c  
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./demos/opengl/icosphere.cpp



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Following applies

to:

./test/metis\_support.cpp

./test/sparselu.cpp

./unsupported/test/mpreal/mpreal.h

./unsupported/Eigen/src/IterativeSolvers/IterationController.h

./unsupported/Eigen/src/IterativeSolvers/ConstrainedConjGrad.h

./unsupported/Eigen/src/Eigenvalues/ArpackSelfAdjointEigenSolver.h

./Eigen/src/OrderingMethods/Amd.h

./Eigen/src/SparseCholesky/SimplicialCholesky\_impl.h

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freetype2

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Component	Location	Primary	
Author	License		
Main Mesa code	src/ mesa/	Brian Paul	Mesa (MIT)
Device drivers	src/ mesa/ drivers/ *	See drivers	See drivers
Ext headers	include/ GL/ glxext.h include/ GL/ gltext.h	SGI	SGI Free B

GLUT	src/glut/	Mark Kilgard	Mark's copyright
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java/android\_libs/protobuf\_nano

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javascript/jquery\_ui

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javascript/jquery/v2\_0\_1

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javascript/tracing\_framework

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jpeg

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libunwind

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libvorbis

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libxcb

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libxml

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Libxml2, an XML C Parser

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lodepng

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minizip

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zlib

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mongoose

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objective\_c/gtm\_session\_fetcher  
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openctm

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xmpmeta

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jsoncpp

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libwebp

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The obligations under this Section 9 shall continue to remain in force for a

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## 12 TERM AND TERMINATION

### 12.1 Term

This Agreement shall enter into force upon due acceptance by both Parties and remain in force for the Term, unless and until terminated pursuant to the terms of this Section 12.

### 12.2 Termination by The Qt Company

The Qt Company shall have the right to terminate this Agreement upon thirty (30) days prior written notice if (i) the Licensee is in material breach of any

obligation of this Agreement and fails to remedy such breach within such notice period; (ii) or Licensee or any of its Affiliates bring a suit before any court or administrative agency or otherwise assert a claim against The Qt Company's or any of its Affiliates' Intellectual Property Rights or validity thereof.

### 12.3 Mutual Right to Terminate

Either Party shall have the right to terminate this Agreement immediately upon written notice in the event that the other Party becomes insolvent, files for any form of bankruptcy, makes any assignment for the benefit of creditors, has a receiver, administrative receiver or officer appointed over the whole or a substantial part of its assets, ceases to conduct business, or an act equivalent to any of the above occurs under the laws of the jurisdiction of the other Party.

### 12.4 Parties Rights and Duties upon Termination

Upon expiry or termination of the Agreement for any reason, Licensee shall, within 30 days after such termination, cease and shall cause all Designated Users (including those of its Affiliates' and Contractors') and Licensee's SDK Contractors to cease using the Licensed Software and distribution of the Redistributables under this Agreement. Notwithstanding the above, in the event the Agreement expires or is terminated for reason other than by The Qt Company pursuant to Section 12.2, the Licensee is entitled, for a period of six (6) months after the effective date of termination, to continue distribution of Devices under the Distribution Licenses paid but unused at such effective date of termination.

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Expiry or termination of this Agreement for any reason whatsoever shall not relieve Licensee of its obligation to pay any License Fees accrued or payable to The Qt Company prior to the effective date of termination, and Licensee shall immediately pay to The Qt Company all such fees upon the effective date of termination. Termination of this Agreement shall not affect any rights of Customers to continue use of Applications and Devices (and therein incorporated Redistributables).

## 13. GOVERNING LAW AND LEGAL VENUE

In the event this Agreement is in the name of The Qt Company Inc., a Delaware

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(i) this Agreement shall be construed and interpreted in accordance with the laws of the State of California, USA, excluding its choice of law provisions;

(ii) the United Nations Convention on Contracts for the International Sale of Goods will not apply to this Agreement; and

(iii) any dispute, claim or controversy arising out of or relating to this Agreement or the breach, termination, enforcement, interpretation or validity thereof, including the determination of the scope or applicability of this Agreement to arbitrate, shall be determined by arbitration in San Francisco, USA, before one arbitrator. The arbitration shall be administered by JAMS pursuant to JAMS' Streamlined Arbitration Rules and Procedures. Judgment on the Award may be entered in any court having jurisdiction. This Section shall not preclude parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction.

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(ii) the United Nations Convention on Contracts for the International Sale of Goods will not apply to this Agreement; and

(iii) any disputes, controversy or claim arising out of or relating to this Agreement, or the breach, termination or validity thereof shall be finally settled by arbitration in accordance with the Arbitration Rules of Finland Chamber of Commerce. The arbitration tribunal shall consist of one (1), or if either Party so requires, of three (3), arbitrators. The award shall be final and binding and enforceable in any court of competent jurisdiction. The arbitration shall be held in Helsinki, Finland and the process shall be conducted in the English language. This Section shall not preclude parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction.

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#### 14.5 Modifications

No modification of this Agreement shall be effective unless contained in a writing executed by an authorized representative of each Party. No term or condition contained in Licensee's Purchase Order shall apply unless expressly accepted by The Qt Company in writing.

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Except for the payment obligations hereunder, neither Party shall be liable to the other for any delay or non-performance of its obligations hereunder in the event and to the extent that such delay or non-performance is due to an event of act of God, terrorist attack or other similar unforeseeable catastrophic event that prevents either Party for fulfilling its obligations under this Agreement and which such Party cannot avoid or circumvent ("Force Majeure Event"). If the Force Majeure Event results in a delay or non-performance of a Party for a period of three (3) months or longer, then either Party shall have the right to terminate this Agreement with immediate effect without any liability (except for the obligations of payment arising prior to the event of Force Majeure) towards the other Party.

#### 14.7 Notices



Any notice given by one Party to the other shall be deemed properly given and deemed received if specifically acknowledged by the receiving Party in writing or when successfully delivered to the recipient by hand, fax, or special courier during normal business hours on a business day to the addresses specified for

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#### 14.10 Attorney Fees

The prevailing Party in any action to enforce this Agreement shall be entitled to recover its attorney's fees and costs in connection with such action.

#### 14.11 Severability

If any provision of this Agreement shall be adjudged by any court of competent jurisdiction to be unenforceable or invalid, that provision shall be limited or eliminated to the minimum extent necessary so that this Agreement shall otherwise remain in full force and effect and enforceable.

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/\*

\* Written by Wilco Dijkstra, 1996. The following email exchange establishes the  
\* license.

\*

\* From: Wilco Dijkstra <Wilco.Dijkstra@ntlworld.com>

\* Date: Fri, Jun 24, 2011 at 3:20 AM

\* Subject: Re: sqrt routine

\* To: Kevin Ma <kma@google.com>

\* Hi Kevin,

\* Thanks for asking. Those routines are public domain (originally posted to

\* comp.sys.arm a long time ago), so you can use them freely for any purpose.

\* Cheers,

\* Wilco

\*

\* ----- Original Message -----

\* From: "Kevin Ma" <kma@google.com>

\* To: <Wilco.Dijkstra@ntlworld.com>

\* Sent: Thursday, June 23, 2011 11:44 PM

\* Subject: Fwd: sqrt routine

\* Hi Wilco,

\* I saw your sqrt routine from several web sites, including

\* <http://www.finesse.demon.co.uk/steven/sqrt.html>.

\* Just wonder if there's any copyright information with your Successive

\* approximation routines, or if I can freely use it for any purpose.

\* Thanks.

\* Kevin

\*/

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/\*

\* \$Id: pa\_memorybarrier.h 1240 2007-07-17 13:05:07Z bjornroche \$

\* Portable Audio I/O Library

\* Memory barrier utilities

\*

\* Author: Bjorn Roche, XO Audio, LLC

\*

\* This program uses the PortAudio Portable Audio Library.

\* For more information see: <http://www.portaudio.com>

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/\*

\* \$Id: pa\_ringbuffer.c 1421 2009-11-18 16:09:05Z bjornroche \$

\* Portable Audio I/O Library

\* Ring Buffer utility.

\*  
\* Author:  
Phil Burk, <http://www.softsynth.com>  
\* modified for SMP safety on Mac OS X by Bjorn Roche  
\* modified for SMP safety on Linux by Leland Lucius  
\* also, allowed for const where possible  
\* modified for multiple-byte-sized data elements by Sven Fischer  
\*  
\* Note that this is safe only for a single-thread reader and a  
\* single-thread writer.  
\*  
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\* For more information see: <http://www.portaudio.com>  
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Mesa 3-D graphics library

Version: 7.0

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# debug

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A tiny JavaScript debugging utility modelled after Node.js core's debugging technique. Works in Node.js and web browsers.

## ## Installation

```
```bash
$ npm install debug
```
```

## ## Usage

``debug`` exposes a function; simply pass this function the name of your module, and it will return a decorated version of ``console.error`` for you to pass debug statements to. This will allow you to toggle the debug output for different parts of your module as well as the module as a whole.

Example [`_app.js_`](./examples/node/app.js):

```
```js
var debug = require('debug')('http')
, http = require('http')
, name = 'My App';

// fake app

debug('booting %o', name);

http.createServer(function(req, res){
  debug(req.method + ' ' + req.url);
  res.end('hello\n');
}).listen(3000, function(){
  debug('listening');
});

// fake worker of some kind

require('./worker');
```
```

Example [`_worker.js_`](./examples/node/worker.js):

```
```js
```

```

var a = require('debug')('worker:a')
, b = require('debug')('worker:b');

function work() {
  a('doing lots of uninteresting work');
  setTimeout(work, Math.random() * 1000);
}

work();

function workb() {
  b('doing some work');
  setTimeout(workb, Math.random() * 2000);
}

workb();
...

```

The `DEBUG` environment variable is then used to enable these based on space or comma-delimited names.

Here  
are some examples:

```





```

#### Windows command prompt notes

##### CMD

On Windows the environment variable is set using the `set` command.

```

^^^cmd
set DEBUG=*,-not_this
...

```

Example:

```

^^^cmd
set DEBUG=* & node app.js
...

```

##### PowerShell (VS Code default)

PowerShell uses different syntax to set environment variables.

```
```cmd
$env:DEBUG = "*,-not_this"
```
```

Example:

```
```cmd
$env:DEBUG='app';node app.js
```
```

Then, run the program to be debugged as usual.

npm script example:

```
```js
"windowsDebug":
"@powershell -Command $env:DEBUG='*';node app.js",
```
```

## ## Namespace Colors

Every debug instance has a color generated for it based on its namespace name. This helps when visually parsing the debug output to identify which debug instance a debug line belongs to.

## #### Node.js

In Node.js, colors are enabled when stderr is a TTY. You also should install the `[`supports-color`](https://npmjs.org/supports-color)` module alongside debug, otherwise debug will only use a small handful of basic colors.



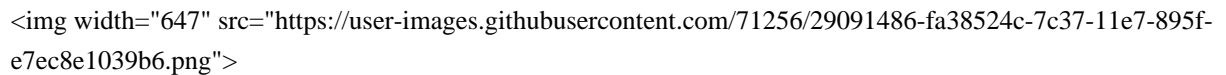
## #### Web Browser

Colors are also enabled on "Web Inspectors" that understand the ``%c`` formatting option. These are WebKit web inspectors, Firefox ([since version 31](https://hacks.mozilla.org/2014/05/editable-box-model-multiple-selection-sublime-text-keys-much-more-firefox-developer-tools-episode-31/)) and the Firebug plugin for Firefox (any version).

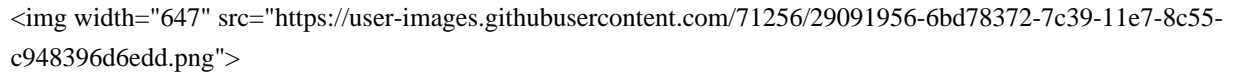


## ## Millisecond diff

When actively developing an application it can be useful to see when the time spent between one ``debug()`` call and the next. Suppose for example you invoke ``debug()`` before requesting a resource, and after as well, the "+NNNms" will show you how much time was spent between calls.

A screenshot of a terminal window showing the output of a debug call. The output is "+NNNms", where NNN represents the time spent between calls in milliseconds.

When stdout is not a TTY, ``Date#toISOString()`` is used, making it more useful for logging the debug information as shown below:

A screenshot of a terminal window showing the output of a debug call. The output is an ISO string representing the current date and time, such as "2015-07-01T12:00:00.000Z".

## ## Conventions

If you're using this in one or more of your libraries, you should use the name of your library so that developers may toggle debugging as desired without guessing names. If you have more than one debuggers you should prefix them with your library name and use ":" to separate features. For example "bodyParser" from Connect would then be "connect:bodyParser". If you append a "\*" to the end of your name, it will always be enabled regardless of the setting of the DEBUG environment variable. You can then use it for normal output as well as debug output.

## ## Wildcards

The ``*`` character may be used as a wildcard. Suppose for example your library has debuggers named "connect:bodyParser", "connect:compress", "connect:session", instead of listing all three with

``DEBUG=connect:bodyParser,connect:compress,connect:session``, you may simply do ``DEBUG=connect:*``, or to run everything using this module simply use ``DEBUG=*``.

You can also exclude specific debuggers by prefixing them with a "-" character. For example, ``DEBUG=*,-connect:*`` would include all debuggers except those starting with "connect:".

## ## Environment Variables

When running through Node.js, you can set a few environment variables that will change the behavior of the debug logging:

| Name                           | Purpose                                           |
|--------------------------------|---------------------------------------------------|
| <code>`DEBUG`</code>           | Enables/disables specific debugging namespaces.   |
| <code>`DEBUG_HIDE_DATE`</code> | Hide date from debug output (non-TTY).            |
| <code>`DEBUG_COLORS`</code>    | Whether or not to use colors in the debug output. |

| `DEBUG\_DEPTH` | Object inspection depth. |  
| `DEBUG\_SHOW\_HIDDEN` | Shows hidden properties on inspected objects. |

\_\_Note:\_\_ The environment variables beginning with `DEBUG\_` end up being converted into an Options object that gets used with `%o`/`%O` formatters. See the Node.js documentation for [util.inspect()](https://nodejs.org/api/util.html#util\_util\_inspect\_object\_options) for the complete list.

## ## Formatters

Debug uses [printf-style](https://wikipedia.org/wiki/Printf\_format\_string) formatting. Below are the officially supported formatters:

| Formatter   | Representation                                                                            |
|-------------|-------------------------------------------------------------------------------------------|
|             |                                                                                           |
| ----- ----- |                                                                                           |
| `%O`        | Pretty-print an Object on multiple lines.                                                 |
| `%o`        | Pretty-print an Object all on a single line.                                              |
| `%s`        | String.                                                                                   |
| `%d`        | Number (both integer and float).                                                          |
| `%j`        | JSON. Replaced with the string '[Circular]' if the argument contains circular references. |
| `%%`        | Single percent sign ('%'). This does not consume an argument.                             |

## ### Custom formatters

You can add custom formatters by extending the `debug.formatters` object. For example, if you wanted to add support for rendering a Buffer as hex with `%h`, you could do something like:

```
```js
const createDebug = require('debug')
createDebug.formatters.h = (v) => {
  return v.toString('hex')
}

// elsewhere
const debug = createDebug('foo')
debug('this is hex: %h', new Buffer('hello world'))
// foo this is hex: 68656c6c66f20776f726c6421 +0ms
```
```

## ## Browser Support

You can build a browser-ready script using [browserify](https://github.com/substack/node-browserify),

or

just use the [browserify-as-a-service](https://wzrd.in/) [build](https://wzrd.in/standalone/debug@latest), if you don't want to build it yourself.

Debug's enable state is currently persisted by `localStorage`.

Consider the situation shown below where you have `worker:a` and `worker:b`, and wish to debug both. You can enable this using `localStorage.debug`:

```
```js
localStorage.debug = 'worker:*'
```
```

And then refresh the page.

```
```js
a = debug('worker:a');
b = debug('worker:b');

setInterval(function(){
  a('doing some work');
}, 1000);

setInterval(function(){
  b('doing some work');
}, 1200);
```
```

## Output streams

By default `debug` will log to stderr, however this can be configured per-namespace by overriding the `log` method:

Example [`_stdout.js`](./examples/node/stdout.js):

```
```js
var debug = require('debug');
var error = debug('app:error');

// by default stderr is used
error('goes to stderr!');

var log = debug('app:log');
// set this namespace to log via console.log
log.log
  = console.log.bind(console); // don't forget to bind to console!
log('goes to stdout');
error('still goes to stderr!');
```



```

// set all output to go via console.info
// overrides all per-namespace log settings
debug.log = console.info.bind(console);
error('now goes to stdout via console.info');
log('still goes to stdout, but via console.info now');
...

## Extend
You can simply extend debugger
```js
const log = require('debug')('auth');

//creates new debug instance with extended namespace
const logSign = log.extend('sign');
const logLogin = log.extend('login');

log('hello'); // auth hello
logSign('hello'); //auth:sign hello
logLogin('hello'); //auth:login hello
...

```

## ## Set dynamically

You can also enable debug dynamically by calling the `enable()` method :

```

```js
let debug = require('debug');

console.log(1, debug.enabled('test'));

debug.enable('test');
console.log(2, debug.enabled('test'));

debug.disable();
console.log(3, debug.enabled('test'));

...

print :
...
1
false
2 true
3 false
...

```

Usage :

```
`enable(namespaces)`  
`namespaces` can include modes separated by a colon and wildcards.
```

Note that calling `enable()` completely overrides previously set DEBUG variable :

```
...  
$ DEBUG=foo node -e 'var dbg = require("debug"); dbg.enable("bar"); console.log(dbg.enabled("foo"))'  
=> false  
...
```

```
## Checking whether a debug target is enabled
```

After you've created a debug instance, you can determine whether or not it is enabled by checking the `enabled` property:

```
```javascript  
const debug = require('debug')('http');  
  
if (debug.enabled) {  
  // do stuff...  
}  
```
```

You can also manually toggle this property to force the debug instance to be enabled or disabled.

```
## Authors
```

- TJ Holowaychuk
- Nathan Rajlich
- Andrew Rhyne

```
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node-http-proxy

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^tools/utills/qtcreator/

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language: node\_js

node\_js:

- "6"

- "8"

cache:

directories:

- "node\_modules"

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`cssmin.py` - A Python port of the YUI CSS compressor.

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Specifically, the GPL parts of FFmpeg are:

- libpostproc
- optional x86 optimization in the files
  - `libavcodec/x86/flac\_dsp\_gpl.asm`
  - `libavcodec/x86/idct\_mmx.c`
  - `libavfilter/x86/vf\_removegrain.asm`
- the following building and testing tools
  - `compat/solaris/make\_sunver.pl`
  - `doc/t2h.pm`
  - `doc/texi2pod.pl`
  - `libswresample/tests/swresample.c`
  - `tests/checkasm/\*`
  - `tests/tiny\_ssim.c`

-

the following filters in libavfilter:

- `signature\_lookup.c`
- `vf\_blackframe.c`
- `vf\_boxblur.c`
- `vf\_colormatrix.c`
- `vf\_cover\_rect.c`
- `vf\_cropdetect.c`
- `vf\_delogo.c`
- `vf\_eq.c`
- `vf\_find\_rect.c`
- `vf\_fspp.c`
- `vf\_histeq.c`
- `vf\_hqdn3d.c`
- `vf\_kerndeint.c`
- `vf\_lensfun.c` (GPL version 3 or later)
- `vf\_mcdeint.c`
- `vf\_mpdecimate.c`
- `vf\_nnedi.c`
- `vf\_owdenoise.c`
- `vf\_perspective.c`
- `vf\_phase.c`

- `vf\_pp.c`
- `vf\_pp7.c`
- `vf\_pullup.c`
- `vf\_repeatfields.c`
- `vf\_sab.c`
- `vf\_signature.c`
- `vf\_smartblur.c`
- `vf\_spp.c`
- `vf\_stereo3d.c`
- `vf\_super2xsai.c`
- `vf\_tinterlace.c`
- `vf\_uspp.c`
- `vf\_vaguedenoiser.c`
- `vsrc\_mptestsrc.c`

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There are a handful of files under other licensing terms, namely:

- \* The files `libavcodec/jfdctfst.c`, `libavcodec/jfdctint\_template.c` and `libavcodec/jrevdct.c` are taken from libjpeg, see the top of the files for licensing details. Specifically note that you must credit the IJG in the documentation accompanying your program if you only distribute executables. You must also indicate any changes including additions and deletions to those three files in the documentation.
- \* `tests/reference.pnm` is under the expat license.

#### ## External libraries

FFmpeg can be combined with a number of external libraries, which sometimes affect the licensing of binaries resulting from the combination.

#### ### Compatible libraries

The following libraries are under GPL version 2:

- avisynth
- frei0r
- libcdio
- libdavs2
- librubberband
- libvidstab
- libx264
- libx265

- libxavs
- 
- libxavs2
- libxvid

When combining them with FFmpeg, FFmpeg needs to be licensed as GPL as well by passing `--enable-gpl` to configure.

The following libraries are under LGPL version 3:

- gmp
- libaribb24
- liblensfun

When combining them with FFmpeg, use the configure option `--enable-version3` to upgrade FFmpeg to the LGPL v3.

The VMAF, mbedTLS, RK MPI, OpenCORE and VisualOn libraries are under the Apache License 2.0. That license is incompatible with the LGPL v2.1 and the GPL v2, but not with version 3 of those licenses. So to combine these libraries with FFmpeg, the license version needs to be upgraded by passing `--enable-version3` to configure.

The smbclient library is under the GPL v3, to combine it with FFmpeg, the options `--enable-gpl` and `--enable-version3` have to be passed to configure to upgrade FFmpeg to the GPL v3.

### ### Incompatible libraries

There are certain libraries you can combine with FFmpeg whose licenses are not compatible with the GPL and/or the LGPL. If you wish to enable these libraries, even in circumstances that their license may be incompatible, pass `--enable-nonfree` to configure. This will cause the resulting binary to be unredistributable.

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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  
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```
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```

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

```
Ty Coon, President of Vice
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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.

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// Original can be found at:

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// https://bitbucket.org/lindenlab/lld
// Modifications by Joshua Bell inexorable@tash@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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### v4.0.1 (2016-12-14)

#### #### WHOOPS

\* [fb9b1ce](https://github.com/npm/nopt/commit/fb9b1ce57b3c69b4f7819015be87719204f77ef6)  
Merged so many patches at once that the code fencing  
([@adius](https://github.com/adius)) added got broken. Sorry,  
([@adius](https://github.com/adius))!  
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### v4.0.0 (2016-12-13)

#### #### BREAKING CHANGES

\* [651d447](https://github.com/npm/nopt/commit/651d4473946096d341a480bbe56793de3fc706aa)  
When parsing String-typed arguments, if the next value is `""`, don't simply swallow it. ([@samjonester](https://github.com/samjonester))

#### #### PERFORMANCE TWEAKS

\* [3370ce8](https://github.com/npm/nopt/commit/3370ce87a7618ba228883861db84ddbcedff252a9)  
Simplify initialization. ([@elidoran](https://github.com/elidoran))  
\* [356e58e](https://github.com/npm/nopt/commit/356e58e3b3b431a4b1af7fd7bdee44c2c0526a09)  
Store `Array.isArray(types[arg])` for reuse.  
([@elidoran](https://github.com/elidoran))  
\* [0d95e90](https://github.com/npm/nopt/commit/0d95e90515844f266015b56d2c80b94e5d14a07e)  
Interpret single-item type arrays as a single type.  
([@samjonester](https://github.com/samjonester))  
\* [07c69d3](https://github.com/npm/nopt/commit/07c69d38b5186450941fbb505550becb78a0e925)  
Simplify key-value extraction. ([@elidoran](https://github.com/elidoran))  
\* [39b6e5c](https://github.com/npm/nopt/commit/39b6e5c65ac47f60cd43a1fbeece5cd4c834c254)  
Only call `Date.parse(val)` once. ([@elidoran](https://github.com/elidoran))  
\* [934943d](https://github.com/npm/nopt/commit/934943dffecb55123a2b15959fe2a359319a5dbd)  
Use `osenv.home()` to find a user's home directory instead of assuming it's always `\$HOME`. ([@othiym23](https://github.com/othiym23))

#### #### TEST & CI IMPROVEMENTS

\* [326ffff](https://github.com/npm/nopt/commit/326ffff7f78a00bcd316adecf69075f8a8093619)  
Fix `tmp` test to work on Windows.  
([@elidoran](https://github.com/elidoran))

\* [c89d31a`](https://github.com/npm/nopt/commit/c89d31a49d14f2238bc6672db08da697bbc57f1b)  
Only run Windows tests on Windows, only run Unix tests on a Unix.  
([@elidoran](https://github.com/elidoran))  
\* [affd3d1`](https://github.com/npm/nopt/commit/affd3d1d0addffa93006397b2013b18447339366)  
Refresh Travis to run the tests against the currently-supported batch of npm  
versions. ([@helio](https://github.com/helio)-frota)  
\* [55f9449`](https://github.com/npm/nopt/commit/55f94497d163ed4d16dd55fd6c4fb95cc440e66d)  
`tap@8.0.1` ([@othiym23](https://github.com/othiym23))

#### #### DOC TWEAKS

\* [5271229`](https://github.com/npm/nopt/commit/5271229ee7c810217dd51616c086f5d9ab224581)  
Use JavaScript code block for syntax highlighting.  
([@adius](https://github.com/adius))  
\* [c0d156f`](https://github.com/npm/nopt/commit/c0d156f229f9994c5dfcec4a8886e6eff7a07682)  
The code sample in the README had `many2: [ oneThing ]`, and now it has  
`many2: [ two, things ]`. ([@silkenentrance](https://github.com/silkenentrance))

## \*-makefile\*-

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

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

## Additional flags when building libraries and with threads  
THREADSCPPFLAGS = -D\_REENTRANT  
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path  
LD\_RPATH=  
LD\_RPATH\_PRE= -Wl,-rpath,

## Compiler switch to embed a library name  
LD\_SONAME = -Wl,-soname -Wl,\$(notdir \$(MIDDLE\_SO\_TARGET))

## Shared library options  
LD\_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix

```

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

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

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

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

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

## Versioned libraries rules

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

## Bind internal references

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

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

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

```

## End BSD-specific setup

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source: <https://github.com/johan/world.geo.json>

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WebKit is using derived sources of ThreadCondition code from Pthreads-win32.

-----  
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re-implemented pthread\_once (version 2)  
(pthread\_once cancellation added by rpj).

Vladimir Kliatchko vladimir at kliatchko dot com  
reimplemented pthread\_once with the same form  
as described by A.Terekhov (later version 2);  
implementation of MCS (Mellor-Crummey/Scott) locks.

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Author : Angus Johnson

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The

code in this library is an extension of Bala Vatti's clipping algorithm:

"A generic solution to polygon clipping"

Communications of the ACM, Vol 35, Issue 7 (July 1992) pp 56-63.

<http://portal.acm.org/citation.cfm?id=129906>

Computer graphics and geometric modeling: implementation and algorithms

By Max K. Agoston

Springer; 1 edition (January 4, 2005)

<http://books.google.com/books?q=vatti+clipping+agoston>

See also:

"Polygon Offsetting by Computing Winding Numbers"

Paper no. DETC2005-85513 pp. 565-575

ASME 2005 International Design Engineering Technical Conferences

and Computers and Information in Engineering Conference (IDETC/CIE2005)

September 24-28, 2005 , Long Beach, California, USA

<http://www.me.berkeley.edu/~mcmains/pubs/DAC05OffsetPolygon.pdf>

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(c) Dean McNamee <dean@gmail.com>, 2012.

C++ port by Konstantin Kfer <mail@kkaefer.com>, 2014.

<https://github.com/deanm/css-color-parser-js>

<https://github.com/kkaefer/css-color-parser-cpp>

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#

# Don't put empty lines into this file!

#

.gitignore

#

builds/unix/pkg.m4

#

docs/FTL.TXT

docs/GPLv2.TXT

#

include/freetype/internal/fthash.h

#

src/base/fthash.c

src/base/md5.c

src/base/md5.h

#

src/bdf/bdf.c

src/bdf/bdf.h

src/bdf/bdfdrivr.c

src/bdf/bdfdrivr.h

src/bdf/bdferror.h

src/bdf/bdflib.c

src/bdf/module.mk

src/bdf/README

src/bdf/rules.mk

#

src/pcf/module.mk

```
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
#
EOF
```

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NPM License Checker

=====

[![Build Status](https://www.travis-ci.org/davglass/license-checker.svg?branch=master)](https://www.travis-ci.org/davglass/license-checker)

\*As of v17.0.0 the `failOn` and `onlyAllow` arguments take semicolons as delimiters instead of commas. Some license names contain commas and it messed with the parsing\*

Ever needed to see all the license info for a module and its dependencies?

It's this easy:

```
```shell
npm install -g license-checker

mkdir foo
cd foo
npm install yui-lint
license-checker
```
```

You should see something like this:

```
```
cli@0.4.3
  repository: http://github.com/chriso/cli
  licenses: MIT
glob@3.1.14
  repository: https://github.com/isaacs/node-glob
  licenses: UNKNOWN
graceful-fs@1.1.14
  repository: https://github.com/isaacs/node-graceful-fs
  licenses: UNKNOWN
inherits@1.0.0
  repository: https://github.com/isaacs/inherits
  licenses: UNKNOWN
jshint@0.9.1
  licenses: MIT
lru-cache@1.0.6
  repository: https://github.com/isaacs/node-lru-cache
  licenses: MIT
lru-cache@2.0.4
  repository: https://github.com/isaacs/node-lru-cache
  licenses: MIT
minimatch@0.0.5
  repository: https://github.com/isaacs/minimatch
  licenses: MIT
minimatch@0.2.9
  repository: https://github.com/isaacs/minimatch
  licenses: MIT
sigmund@1.0.0
  repository: https://github.com/isaacs/sigmund
  licenses: UNKNOWN
yui-lint@0.1.1
  licenses: BSD
  repository: http://github.com/yui/yui-lint
```
```

An asterisk next to a license name means that it was deduced from an other file than package.json (README, LICENSE, COPYING, ...)  
You could see something like this:

```
...
debug@2.0.0
  repository: https://github.com/visionmedia/debug
  licenses: MIT*
...
```

## Options

-----

- \* `--production`` only show production dependencies.
- \* `--development`` only show development dependencies.
- \* `--start [path of the initial json to look for]``
- \* `--unknown`` report guessed licenses as unknown licenses.
- \* `--onlyunknown`` only list packages with unknown or guessed licenses.
- \* `--json`` output in json format.
- \* `--csv`` output in csv format.
- \* `--csvComponentPrefix`` prefix column for component in csv format.
- \* `--out [filepath]`` write the data to a specific file.
- \* `--customPath`` to add a custom Format file in JSON
- \* `--exclude [list]`` exclude modules which licenses are in the comma-separated list from the output
- \* `--relativeLicensePath`` output the location of the license files as relative paths
- \* `--summary`` output a summary of the license usage',
- \* `--failOn [list]`` fail (exit with code 1) on the first occurrence of the licenses of the semicolon-separated list
- \* `--onlyAllow [list]`` fail (exit with code 1) on the first occurrence of the licenses not in the semicolon-separated list
- \* `--packages [list]`` restrict output to the packages (package@version) in the semicolon-separated list
- \* `--excludePackages [list]`` restrict output to the packages (package@version) not in the semicolon-separated list
- \* `--excludePrivatePackages``  
restrict output to not include any package marked as private
- \* `--direct`` look for direct dependencies only`

## Exclusions

-----

A list of licenses is the simplest way to describe what you want to exclude.

You can use valid [SPDX identifiers](<https://spdx.org/licenses/>).

You can use valid SPDX expressions like `MIT OR X11``.

You can use non-valid SPDX identifiers, like `Public Domain``, since `npm`` does support some license strings that are not SPDX identifiers.

## Examples

-----

...

```
license-checker --json > /path/to/licenses.json
license-checker --csv --out /path/to/licenses.csv
license-checker --unknown
license-checker --customPath customFormatExample.json
license-checker --exclude 'MIT, MIT OR X11, BSD, ISC'
license-checker --packages 'react@16.3.0;react-dom@16.3.0;lodash@4.3.1'
license-checker --excludePackages 'internal-1;internal-2'
license-checker --onlyunknown
```

...

## Custom format

-----

The `--customPath` option can be used with CSV to specify the columns.

Note that the first column, `module_name`, will always be used.

When used with JSON format, it will add the specified items to the usual ones.

The available items are the following:

- name
- version
- description
- repository
- publisher
- email
- url
- licenses
- licenseFile
- licenseText
- licenseModified

You can also give default values for each item.

See an example in `[customFormatExample.json](customFormatExample.json)`.

## Requiring

-----

```
```js
var checker = require('license-checker');

checker.init({
  start: '/path/to/start/looking'
}, function(err, packages) {
  if (err) {
    //Handle error
  }
});
```
```



```

    } else {
      //The sorted package data
      //as an Object
    }
  });
  ...

```

## Debugging

-----

license-checker uses [debug](https://www.npmjs.com/package/debug) for internal logging. There's two internal markers:

- \* `license-checker:error` for errors
- \* `license-checker:log` for non-errors

Set the `DEBUG` environment variable to one of these to see debug output:

```

```shell
$
export DEBUG=license-checker*; license-checker
scanning ./yui-lint
cli@0.4.3
  repository: http://github.com/chriso/cli
  licenses: MIT
# ...
```

```

## How Licenses are Found

-----

We walk through the `node\_modules` directory with the [read-installed](https://www.npmjs.org/package/read-installed) module. Once we gathered a list of modules we walk through them and look at all of their `package.json`s, We try to identify the license with the [spdx](https://www.npmjs.com/package/spdx) module to see if it has a valid SPDX license attached. If that fails, we then look into the module for the following files: `LICENSE`, `LICENCE`, `COPYING`, & `README`.

If one of the those files are found (in that order) we will attempt to parse the license data from it with a list of known license texts. This will be shown with the `\*` next to the name of the license to show that we "guessed" at it.

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# spdx-license-ids

[![npm version](https://img.shields.io/npm/v/spdx-license-ids.svg)](https://www.npmjs.com/package/spdx-license-ids)

[![Github Actions](https://action-badges.now.sh/shinnn/spdx-license-ids)](https://wdp9fww0r9.execute-api.us-west-2.amazonaws.com/production/results/shinnn/spdx-license-ids)

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

### ## Installation

[Download JSON directly](https://raw.githubusercontent.com/shinnn/spdx-license-ids/master/index.json), or  
[use](https://docs.npmjs.com/cli/install) [npm](https://docs.npmjs.com/about-npm/):

...

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

...

### ## [Node.js](https://nodejs.org/) API

```
### require('spdx-license-ids')
```

Type: `string[]`

All license IDs except for the currently deprecated ones.

```
```javascript
const ids = require('spdx-license-ids');
//=> ['0BSD', 'AAL', 'ADSL', 'AFL-1.1', 'AFL-1.2', 'AFL-2.0', 'AFL-2.1', 'AFL-3.0', 'AGPL-1.0-only', ...]
```

```
ids.includes('BSD-3-Clause'); //=> true
ids.includes('CC-BY-1.0'); //=>
true
```

```
ids.includes('GPL-3.0'); //=> false
...

```

```
### require('spdx-license-ids/deprecated')
```

Type: `string[]`

Deprecated license IDs.

```
```javascript
const deprecatedIds = require('spdx-license-ids/deprecated');
//=> ['AGPL-1.0', 'AGPL-3.0', 'GFDL-1.1', 'GFDL-1.2', 'GFDL-1.3', 'GPL-1.0', 'GPL-2.0', ...]
```

```
deprecatedIds.includes('BSD-3-Clause'); //=> false
```

```
deprecatedIds.includes('CC-BY-1.0'); //=> false
```

```
deprecatedIds.includes('GPL-3.0'); //=> true
```

```
...
```

```
## License
```

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```

```
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```

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2006-Jan-27

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o [freetype-devel@nongnu.org](mailto:freetype-devel@nongnu.org)

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

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

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1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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## 11. RECORD-KEEPING AND REPORTING OBLIGATIONS; AUDIT RIGHTS

### 11.1. Licensee's Record-keeping

Licensee shall at all times during the Term of this Agreement and for a period of seven (7) years thereafter maintain Licensee's Records in an accurate and up-to-date form. Licensee's Records shall be adequate to reasonably enable The Qt Company to determine Licensee's compliance with the provisions of this

Agreement. The records shall conform to general good accounting practices.

Licensee shall, within thirty (30) days from receiving The Qt Company's request to that effect, deliver to The Qt Company a report based on Licensee's Records, such report to contain information, in sufficient detail, on (i) number and identity of users working with Licensed Software or Open Source Qt, (ii) copies of Redistributables distributed by Licensee during the most recent calendar quarter and/or any other term specified by The Qt Company, (iii) number of undistributed copies of Redistributables and corresponding number of unused Distribution Licenses remaining on Licensee's account, and (iv) any other information as The Qt Company may reasonably require from time to time.

#### 11.2. The Qt Company's Audit Rights

The Qt Company or an independent auditor acting on behalf of The Qt Company's, may, upon at least five (5) business days' prior written notice and at its expense, audit Licensee with respect to the Licensee's use of the Licensed Software, but not more frequently than once during each 6-month period. Such audit may be conducted by mail, electronic means or through an in-person visit to Licensee's place of business. Any such in-person audit shall be conducted during regular business hours at Licensee's facilities and shall not unreasonably interfere with Licensee's business activities. The Qt Company or the independent auditor acting on behalf of The Qt Company shall be entitled to inspect Licensee's Records and conduct necessary interviews of Licensee's relevant employees and Contractors. All such Licensee's Records and use thereof shall be subject to an obligation of confidentiality under this Agreement.

If an audit reveals that

Licensee is using the Licensed Software beyond scope of the licenses Licensee has paid for, Licensee agrees to pay The Qt Company any amounts owed for such unauthorized use within 30 days from receipt of the corresponding invoice from The Qt Company. In addition, in the event the audit reveals a material violation of the terms of this Agreement (without limitation, either (i) underpayment of more than 10 % of License Fees or 10,000 euros (whichever is more) or (ii) distribution of products, which include or result from Prohibited Combination, shall be deemed a material violation for purposes of this section), then the Licensee shall pay The Qt Company's reasonable cost of conducting such audit.

## 12. TERM AND TERMINATION

### 12.1. Agreement Term

This Agreement shall enter into force upon due acceptance by both Parties and remain in force for as long as there is any Development License(s) purchased under this Agreement in force ("Term"), unless and until terminated pursuant to the terms of this Section 12.

### 12.2. Termination and suspension of rights

Either Party shall have the right to terminate this Agreement upon thirty (30) days prior written notice if the other Party commits a material breach of any obligation of this Agreement and fails to remedy such breach within such notice period.

Instead of termination, The Qt Company shall have the right to suspend or withhold grants of all rights to the Licensed Software hereunder, including but not limited to the Development Licenses, Distribution License, and Support, should Licensee fail to make payment in timely fashion or otherwise violates or is reasonably suspected to violate its obligations or terms of this Agreement, and where such violation or breach is not cured within five (5) business days following The Qt Company's written notice thereof.

### 12.3. Mutual Right to Terminate

Either Party shall have the right to terminate this Agreement immediately upon written notice in the event that the other Party becomes insolvent, files for any form of bankruptcy, makes any assignment for the benefit of creditors, has a receiver, administrative receiver or officer appointed over the whole or a substantial part of its assets, ceases to conduct business, or an act equivalent to any of the above occurs under the laws of the jurisdiction of the other Party.

### 12.4. Parties Rights and Duties upon Termination

Upon expiry or termination of the Agreement, Licensee shall cease and shall cause all Designated Users (including those of its Affiliates' and Contractors') to cease using the Licensed Software and distribution of the Redistributables under this Agreement.

Notwithstanding the above, in the event the Agreement expires or is terminated:

- (i) as a result of The Qt Company choosing not to renew the Development License(s) as set forth in Section 3.1, then all valid licenses possessed by the Licensee at such date shall be extended to be valid in perpetuity under the terms

of this Agreement and Licensee

is entitled to purchase additional licenses as set forth in Section 10.2; or

- (ii) for reason other than by The Qt Company pursuant to item (i) above or pursuant to Section 12.2, then the Licensee is entitled, for a period of six (6) months after the effective date of termination, to continue distribution of Devices under the Distribution Licenses paid but unused at such effective date of termination.

Upon any such termination the Licensee shall destroy or return to The Qt Company all copies of the Licensed Software and all related materials and will certify the same to The Qt Company upon its request, provided however that Licensee may retain and exploit such copies of the Licensed Software as it may reasonably require in providing continued support to Customers.

Expiry or termination of this Agreement for any reason whatsoever shall not relieve Licensee of its obligation to pay any License Fees accrued or payable to The Qt Company prior to the effective date of termination, and Licensee shall immediately pay to The Qt Company all such fees upon the effective date of termination. Termination of this Agreement shall not affect any rights of Customers to continue use of Applications and Devices (and therein incorporated Redistributables).

#### 12.5. Extension in case of bankruptcy

In the event The Qt Company is declared bankrupt under a final, non-cancellable decision by relevant court of law, and this Agreement is not, at the date of expiry of the Development License(s) pursuant to Section 3.1, assigned to party, who has assumed The Qt Company's position as a legitimate licensor of Licensed Software under this Agreement, then all valid licenses possessed by the Licensee at such date of expiry, and which the Licensee has not notified for expiry, shall be extended to be valid in perpetuity under the terms of this Agreement.

### 13. GOVERNING LAW AND LEGAL VENUE

In

the event this Agreement is in the name of The Qt Company Inc., a Delaware Corporation, then:

- (i) this Agreement shall be construed and interpreted in accordance with the laws of the State of California, USA, excluding its choice of law provisions;
- (ii) the United Nations Convention on Contracts for the International Sale of Goods will not apply to this Agreement; and
- (iii) any dispute, claim or controversy arising out of or relating to this Agreement or the breach, termination, enforcement, interpretation or validity thereof, including the determination of the scope or applicability of this Agreement to arbitrate, shall be determined by arbitration in San Francisco, USA, before one arbitrator. The arbitration shall be administered by JAMS pursuant to JAMS' Streamlined Arbitration Rules and Procedures. Judgment on the Award may be entered in any

court having jurisdiction. This

Section shall not preclude parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction.

In the event this Agreement is in the name of The Qt Company Ltd., a Finnish Company, then:

- (i) this Agreement shall be construed and interpreted in accordance with the laws of Finland, excluding its choice of law provisions;
- (ii) the United Nations Convention on Contracts for the International Sale of Goods will not apply to this Agreement; and

(iii) any disputes, controversy or claim arising out of or relating to this Agreement, or the breach, termination or validity thereof shall be finally settled by arbitration in accordance with the Arbitration Rules of Finland Chamber of Commerce. The arbitration tribunal shall consist of one (1), or if either Party so requires, of three (3),

arbitrators. The award shall be final and binding and enforceable in any court of competent jurisdiction. The arbitration shall be held in Helsinki, Finland and the process shall be conducted in the English language. This Section shall not preclude parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction.

## 14. GENERAL PROVISIONS

### 14.1. No Assignment

Except in the case of a merger or sale of substantially all of its corporate assets, Licensee shall not be entitled to assign or transfer all or any of its rights, benefits and obligations under this Agreement without the prior written consent of The Qt Company, which shall not be unreasonably withheld or delayed. The Qt Company shall be entitled to freely assign or transfer any of its rights, benefits or obligations under this Agreement.

### 14.2. No Third-Party Representations

Licensee shall make no representations or warranties concerning the Licensed Software on behalf of The Qt Company. Any representation or warranty Licensee makes or purports to make on The Qt Company's behalf shall be void as to The Qt Company.

### 14.3. Surviving Sections

Any terms and conditions that by their nature or otherwise reasonably should survive termination of this Agreement shall so be deemed to survive. Such sections include especially the following: 1, 2, 6, 7, 9, 11, 12.4, 13 and 14.

### 14.4. Entire Agreement

This Agreement, the exhibits hereto, the License Certificate and any applicable Purchase Order accepted by The Qt Company constitute the complete agreement between the Parties and supersedes all prior or contemporaneous discussions, representations, and proposals, written or oral, with respect to the subject matters discussed herein.

In the event of any conflict or inconsistency between this Agreement and any Purchase Order, the terms of this Agreement will prevail over the terms of the Purchase Order with respect to such conflict or inconsistency.

Parties specifically acknowledge and agree that this Agreement prevails over any click-to-accept or similar agreements the Designated Users may need to

accept online upon download of the Licensed Software, as may be required by The Qt Company's applicable processes relating to Licensed Software.

#### 14.5. Modifications

No modification of this Agreement shall be effective unless contained in a writing executed by an authorized representative of each Party. No term or condition contained in Licensee's Purchase Order ("Deviating Terms") shall apply unless The Qt Company has expressly agreed such Deviating Terms in writing. Unless and to the extent expressly agreed by The Qt Company, any such Deviating Terms shall be deemed void and with no legal effect. For clarity, delivery of the Licensed Software following the receipt of the Purchase Order including Deviating Terms shall not constitute acceptance of such Deviating Terms."

#### 14.6. Force Majeure

Except for the payment obligations hereunder, neither Party shall be liable to the other for any delay or non-performance of its obligations hereunder in the event and to the extent that such delay or non-performance is due to an event of act of God, terrorist attack or other similar unforeseeable catastrophic event that prevents either Party for fulfilling its obligations under this Agreement and which such Party cannot avoid or circumvent ("Force Majeure Event"). If the Force Majeure Event results in a delay or non-performance of a Party for a period of three (3) months or longer, then either Party shall have the right to terminate this Agreement with immediate effect without any liability (except for the obligations of payment arising prior to the event of Force Majeure) towards the other Party.

#### 14.7. Notices

Any notice given by one Party to the other shall be deemed properly given and deemed received if specifically acknowledged by the receiving Party in writing or when successfully delivered to the recipient by hand, fax, or special courier during normal business hours on a business day to the addresses specified for each Party on the signature page. Each communication and document made or delivered by one Party to the other Party pursuant to this Agreement shall be in the English language.

#### 14.8. Export Control

Licensee acknowledges that the Redistributables, as incorporated in Applications or Devices, may be subject to export control restrictions under the applicable laws of respective countries. Licensee shall fully comply with all applicable export license restrictions and requirements as well as with all laws and regulations relating to the Redistributables and exercise of licenses hereunder and shall procure all necessary governmental authorizations, including without limitation, all necessary licenses, approvals, permissions or consents, where necessary for the re-exportation of the Redistributables, Applications and/or Devices.

#### 14.9. No Implied License

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Agreement, and all rights, save for those expressly granted hereunder, shall remain with The Qt Company and its licensors. In addition, no licenses or immunities are granted to the combination of the Licensed Software with any other software or hardware not delivered by The Qt Company under this Agreement.

#### 14.10. Attorney Fees

The prevailing Party in any action to enforce this Agreement shall be entitled to recover its attorney's fees and costs in connection with such action.

#### 14.11. Privacy

Licensee acknowledges and agrees that for the purpose of this Agreement, The Qt Company may collect, use, transfer and disclose personal data pertaining to Designated Users as well as any other employees and directors of the Licensee and its Contractors relevant for carrying out the intent of this Agreement.

Such personal data may be collected from the Licensee or directly from the relevant individuals. The Parties acknowledge that with regard to such personal

data processed hereunder, The Qt Company shall be regarded as the Data Controller under the applicable Data Protection Legislation. The Qt Company shall process any such personal data in accordance with its privacy policies and practices, which will comply with all applicable requirements of the Data Protection Legislation.

#### 14.12. Severability

If any provision of this Agreement shall be adjudged by any court of competent jurisdiction to be unenforceable or invalid, that provision shall be limited or eliminated to the minimum extent necessary so that this Agreement shall otherwise remain in full force and effect and enforceable.

### APPENDICES

The Agreement includes Appendix 1, and possibly one or more of the appendices 3-5, depending on the product(s) purchased by the Licensee, what is stated in the quote or invoice, and/or what is stated in the Licensee's License Certificate.

#### APPENDIX 1

The modules and/or tools that are included in the respective product - Qt for Application

Development (QtAD), Qt for Device Creation (QtDC), Qt for MCUs (QtMCU), Qt 3D Studio (Qt3DS) and Qt Design Studio (QtDS) - are marked with 'X' in the below table.



Parts of the product that are permitted for distribution in object-code form only ("Redistributables") are marked with 'R' in the below table.

Modules/Tools	QtAD	QtDC	QtMCU	Qt3DS	QtDS
Qt Core	X,R	X,R			
Qt GUI	X,R	X,R			
Qt Multimedia	X,R	X,R			
Qt Multimedia Widgets	X,R	X,R			
Qt Network	X,R	X,R			
Qt QML	X,R	X,R			
Qt Quick	X,R	X,R			
Qt Quick Controls 2	X,R	X,R			
Qt Quick Dialogs	X,R	X,R			
Qt Quick Layouts	X,R	X,R			
Qt Quick Test	X,R	X,R			
Qt SQL	X,R	X,R			
Qt Test	X,R	X,R			
Qt Widgets	X,R	X,R			
Active Qt	X,R	X,R			
Qt 3D	X,R	X,R			
Qt Android Extras	X,R	X,R			
Qt Bluetooth	X,R	X,R			
Qt Canvas 3D	X,R	X,R			
Qt Concurrent	X,R	X,R			

Qt D-Bus	X,R   X,R
Qt Gamepad	X,R   X,R
Qt Graphical Effects	X,R   X,R
Qt Help	X,R   X,R
Qt Image Formats	X,R   X,R
Qt Location	X,R   X,R
Qt Mac Extras	X,R   X,R
Qt Network Authorization	X,R   X,R
Qt NFC	X,R   X,R
Qt Platform Headers	X,R   X,R
Qt Positioning	X,R   X,R
Qt Print Support	X,R   X,R
Qt Purchasing	X,R   X,R
Qt for Python	X,R   X,R
Qt Quick Controls	X,R   X,R
Qt Quick Extras	X,R   X,R
Qt Quick Widgets	X,R   X,R
Qt SCXML	X,R   X,R
Qt Sensors	X,R   X,R
Qt Serial Bus	X,R   X,R
Qt Serial Port	X,R   X,R
Qt Speech	X,R   X,R

Qt SVG	X,R   X,R
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Qt UI Tools	X,R   X,R
-----	
Qt WebChannel	X,R   X,R
-----	
Qt WebEngine	X,R   X,R
-----	
Qt WebSockets	X,R   X,R
-----	
Qt WebView	X,R   X,R
-----	
Qt Windows Extras	X,R   X,R
-----	
Qt X11 Extras	X,R   X,R
-----	
Qt XML	X,R   X,R
-----	
Qt XML Patterns	X,R   X,R
-----	
Qt Wayland Compositor	X,R   X,R
-----	
Qt Charts	X,R   X,R
-----	
Qt Data Visualization	X,R   X,R
-----	
Qt Virtual Keyboard	X,R   X,R
-----	
Boot 2 Qt stack	X,R
-----	
Qt OTA	X,R
-----	
Device Utilities	X,R
-----	
Qt Debugging Bridge (QDB) Daemon	X,R
-----	
Qt Quick Ultralite Controls	X,R
-----	
Qt Quick Ultralite	X,R
-----	
Qt Creator	
X   X   X	
-----	
Qt Designer (Qt Widget Designer)	X   X
-----	

Qt Quick Designer (Qt Creator plugin)	X	X	X		
Qt Linguist	X	X	X		
Qt Assistant	X	X	X		
lupdate	X	X	X		
lrelease	X	X	X		
qmake	X	X			
uic	X	X			
rcc	X	X			
qlalr	X	X			
qdoc	X	X			
qmlscene	X	X			
qmlviewer	X	X			
Target toolchains		X	X		
Qt Debugging Bridge (QDB) Host Tools			X		
qtconfig-gui		X			
Qt Emulator		X			
qmlinterfacegenerator			X		
qmltoccpp			X		
qulfontcompiler		X			
Qt53DStudioRuntime2				X,R	
Qt 3D Studio				X	
Qt Design Studio					X

APPENDIX 3: ADDITIONS TO LICENSED SOFTWARE

In addition to what is provided under the definition of the Licensed Software, Parties agree that Licensed Software shall also include the Add-On Products of The Qt Company, as mentioned in this Appendix, if included in the quote / invoice.

The Modules and/or Tools of the Licensed Software that are included with each Add-On

Product respectively are marked with 'X' in the below table. Parts of the respective Add-On Product that are permitted for distribution in object-code form only ("Redistributables") are marked with 'R' in the below table.

	Add-On Product(s)					
Modules / Tools of Licensed Software	Qt for Automation	Qt Suite	Qt Safe Automotive	Qt Renderer Manager	Qt Application Platform	Qt Gammaray Deployment Package
Qt MQTT	X,R					
Qt KNX	X,R					
Qt OPC UA	X,R					
Qt CoAP	X,R					
Qt Safe Renderer		X,R	X,R			
Qt Application Manager			X,R	X,R		
Qt IVI		X,R				
Reference UI		X,R				
Qt GENIVI Extras		X,R				
QML Live		X				

Qt Creator				X							
Deployment											

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Qt Creator											
Plugin for											
Qt											
X				X							
Application											
Manager											

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Qt											
Automotive											
Suite				X							
Deployment											
Server											

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Qt Design				X							
Studio											

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Qt 3D Studio				X							
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GammaRay				X						X	
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Platform											
adaptations											
for											X
specified											
Deployment											
Platforms											

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Qt for											
Device				X							
Creation											

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All the above Redistributables are subject to applicable provisions and limitations including but not limited to what is defined in section 3 of the Agreement.

**APPENDIX 4: SMALL BUSINESS AND STARTUP**

The provisions of this Appendix 4 are applicable for Start-up Companies and for the Evaluation Term. For the purpose of this Appendix 4, the following additional definitions shall be applicable:

"Trial Term" shall mean a period of twelve (12) months.

"Start-up Company" means a company with a maximum annual revenue, including funding, equivalent to 100,000 USD (in applicable currency) during a respective calendar year, as evidenced by duly audited records of the Licensee and approved by The Qt Company.

During the Trial Term, Section 3 shall apply with following modifications ("Trial Term Modifications"):

- (i) Licenses granted under Sections 3.1 and 3.2 shall be free of any charge. For clarity, License for distribution of Devices pursuant to Section 3.3 is subject to applicable License Fee for necessary Distribution Licenses;
- (ii) Development License under Section 3.1 is limited to a maximum of three (3) Designated Users; and
- (iii) Support is available subject to availability, as judged by The Qt Company at its free and absolute discretion, provided that support will be limited to a maximum of ten (10) tickets during the Trial Term.

Upon expiry of the Trial Term:

- (a) This Appendix 4 is terminated, Trial Term Modifications cease to remain in force, Licensee's Development Licenses shall be automatically converted into licenses subject to a License Fee (in the amount specified in the quote or in Appendix 2 and payable with a 30-day payment term) and Licensee's rights and obligations under this Agreement shall continue to remain in force under the standard provisions of the Agreement,

unless the Licensee notifies The Qt

Company in writing no less than ninety (90) days before such expiry date that Licensee does not agree to such continuance, in which event the Agreement, and all rights of the Licensee thereunder, shall expire; provided however that

- (b) in the event the Licensee still qualifies as a Start-up Company, the Licensee has an option ("Option"), instead of what is stated in item a) above, to renew the Trial Term. Renewal is limited to one time, and the total duration of Trial Term is thus 24 months after the effective date. Licensee shall notify The Qt Company in writing, no less than ninety (90) days before the expiry date, if Licensee wish to exercise the Option.

#### APPENDIX 5: NON-COMMERCIAL USE

The provisions of this Appendix 5 are applicable for non-commercial use of the Licensed Software by the Licensee.

For the purpose of

this Appendix 5, the following additional definitions (replacing the relevant definition of the Agreement, where applicable) shall be applicable:

"Demo Units" shall mean (i) hardware development platform, which incorporates the Licensed Software along with Licensee's software and/or hardware, and (ii) prototype versions of Applications or Devices.

"Designated User(s)" shall mean the employees and students of the Licensee.

"Licensee Products" shall mean Applications and/or Devices.

"Permitted Purpose" shall mean (i) Licensee's internal evaluation and testing of Licensed Software, (ii) building Demo Units as well as (iii) educational use.

"Term" shall mean a period of twelve (12) months or any such other period as may be agreed between the Parties.

For the purpose of this Appendix 5, the following changes shall be agreed with respect to relevant Sections of the Agreement:

I. Recital (A) shall be replaced in its entirety to read as follows:

"(A) Licensee wishes to use the Licensed Software for the Permitted Purpose."

II. Section 3.1 shall be replaced in its entirety to read as follows:

"The Qt Company grants to Licensee a personal, non-exclusive, non-transferable, revocable, royalty-free license, valid for the Term, to use, modify and copy the Licensed Software solely for the Permitted Purpose.

Licensee may install copies of the Licensed Software on an unlimited number of computers provided that only Designated Users may use the Licensed Software.

Licensee may demonstrate the Demo Units, provided that such demonstrations must be conducted by Licensee, and the Demo Units must remain in Licensee's possession and under Licensee's control at all times.

For clarity, this Agreement does not (i) entitle Licensee to use Licensed Software to create Applications or Devices (other than prototypes thereof) or (ii) carry any distribution rights to Licensee, but such rights are subject to and conditional upon



conclusion of a separate license agreement with The Qt Company."

III. Sections 3.2, 3.3, 8 and 10 shall be deleted.

IV. Section 3.4 shall be replaced in its entirety to read as follows:

"Licensee shall not:

- remove or alter any copyright, trademark or other proprietary rights notice contained in any portion of the Licensed Software;
- transfer, publish, sublicense, disclose, display or otherwise make the Licensed Software available to any third party (except that Licensee may demonstrate the Demo Units pursuant to Section 3.1);
- in any way combine, incorporate or integrate Licensed Software with, or use Licensed Software for creation

of, any

software created with or incorporating Open Source Qt;

Licensee shall cause all Designated Users who make use of the licenses granted under this Agreement, to be contractually bound to comply with the relevant terms of this Agreement and not to use the Licensed Software beyond the terms hereof. Licensee shall be responsible for any and all actions and omissions of its Designated Users relating to the Licensed Software and use thereof.

Any use of Licensed Software beyond the provisions of this Agreement is strictly prohibited and requires an additional license from The Qt Company."

V. Section 12 shall be replaced in its entirety to read as follows:

"This Agreement shall enter into force upon due acceptance by both Parties and remain in force for the Term, unless and until terminated pursuant to the terms

of Section 12.

Upon termination of the Agreement, Licensee shall cease using the Licensed Software. All other copies of Licensed Software in the possession or control of Licensee must be erased or destroyed. An officer of Licensee must, upon request, promptly deliver to The Qt Company a written confirmation that this has occurred."

Except for the modifications specified above, this Appendix carries no change to the terms of the Agreement which shall remain in full force.

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The "New" BSD License:

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By: Adrian Heine

Repository: <https://github.com/adrianheine/acorn-import-meta>

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By: Marijn Haverbeke, Ingvar Stepanyan, Adrian Heine

Repository: <https://github.com/acornjs/acorn.git>

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Repository: micromatch/braces

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Repository: sindresorhus/date-time

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Repository: jonschlinkert/fill-range

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Repository:

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Repository: jorgebucaran/turbocolor

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reporting:

reports:

- lcov
- text
- text-summary

check:

global:

- statements: 95
- lines: 95
- branches: 90
- functions: 100

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The code in this library is an extension of Bala Vatti's clipping algorithm:

"A generic solution to polygon clipping"

Communications of the ACM, Vol 35, Issue 7 (July 1992) pp 56-63.

<http://portal.acm.org/citation.cfm?id=129906>

Computer graphics and geometric modeling: implementation and algorithms

By Max K. Agoston

Springer; 1 edition (January 4, 2005)

<http://books.google.com/books?q=vatti+clipping+agoston>

See also:

"Polygon Offsetting by Computing Winding Numbers"

Paper no. DETC2005-85513 pp. 565-575

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```
^ expected errors | v input
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/*---
esid: sec-assignment-operators-static-semantics-early-errors
description: Minimal test
---*/
```

void 0;

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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-only 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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```
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```
#!/usr/bin/env node
var nopt = require("../lib/nopt")
, path = require("path")
, types = { num: Number
, bool: Boolean
, help: Boolean
, list: Array
, "num-list": [Number, Array]
, "str-list": [String, Array]
, "bool-list": [Boolean, Array]
, str: String
, clear: Boolean
, config: Boolean
, length: Number
, file: path
}
```

```

, shorthands = { s: ["--str", "astring"]
 , b: ["--bool"]
 , nb: ["--no-bool"]
 , fft: ["--bool-list", "--no-bool-list", "--bool-list", "true"]
 , "?": ["--help"]
 , h: ["--help"]
 , H: ["--help"]
 , n: ["--num", "125"]
 , c: ["--config"]
 , l: ["--length"]
 , f: ["--file"]
 }
, parsed = nopt(types
 , shorthands

 , process.argv
 , 2)

```

```

console.log("parsed", parsed)

```

```

if (parsed.help) {
 console.log("")
 console.log("nopt cli tester")
 console.log("")
 console.log("types")
 console.log(Object.keys(types).map(function M (t) {
 var type = types[t]
 if (Array.isArray(type)) {
 return [t, type.map(function (type) { return type.name })]
 }
 return [t, type && type.name]
 })).reduce(function (s, i) {
 s[i[0]] = i[1]
 return s
 }, {})
 console.log("")
 console.log("shorthands")
 console.log(shorthands)
}

```

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C++ Big Integer Library  
(see ChangeLog for version)

<http://mattmccutchen.net/bigint/>

Written and maintained by Matt McCutchen < matt@mattmccutchen.net >

You can use this library in a C++ program to do arithmetic on integers of size limited only by your computer's memory. The library provides `BigUnsigned` and `BigInteger` classes that represent nonnegative integers and signed integers, respectively. Most of the C++ arithmetic operators are overloaded for these classes, so big-integer calculations are as easy as:

```
#include "BigIntegerLibrary.hh"

BigInteger a = 65536;
cout << (a * a * a * a * a * a * a * a * a);

(print 340282366920938463463374607431768211456)
```

The code in ``sample.cc'` demonstrates the most important features of the library. To get started quickly, read the code and explanations in that file and run it. If you want more detail or a feature not shown in ``sample.cc'`, consult the [documentation](#) or consult the actual header and source files, which are thoroughly commented.

This library emphasizes ease of use and clarity of implementation over speed; some users will prefer GMP (<http://swox.com/gmp/>), which is faster. The code is intended to be reasonably portable across computers and modern C++ compilers; in particular, it uses whatever word size the computer provides (32-bit, 64-bit, or otherwise).

#### Compiling programs that use the library

-----  
The library consists of a folder full of C++ header files (`.hh`) and source files (`.cc`). Your own programs should ``#include'` the necessary header files and link with the source files. A makefile that builds the sample program (``sample.cc'`) is included; you can adapt it to replace the sample with your own program.

Alternatively, you can use your own build system or IDE. In that case, you must put the library header files where the compiler will find them and arrange to have your program linked with the library source files; otherwise, you will get errors about missing header files or "undefined references". To learn how to do this, consult the documentation for the build system or IDE; don't bother asking me. Adding all the library files to your project will work in many IDEs but may not be the most desirable approach.

#### Resources

-----  
The library's Web site (above) provides links to released versions, the current development version, and a mailing list for release announcements, questions,



bug reports, and other discussion of the library. I would be delighted to hear from you if you like this library and/or find a good use for it.

#### Bugs and enhancements

-----

The library has been tested by me and others but is by no means bug-free. If you find a bug, please report it, whether it comes in the form of compiling trouble, a mathematically inaccurate result, or a memory-management blooper (since I use Java, these are altogether too common in my C++).

I generally fix all reported bugs. You are also welcome to request enhancements, but I am unlikely to do substantial amounts of work on enhancements at this point.

#### Legal

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~~~~~

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If you want to write an option parser, and have it be good, there are two ways to do it. The Right Way, and the Wrong Way.

The Wrong Way is to sit down and write an option parser. We've all done that.

The Right Way is to write some complex configurable program with so many options that you hit the limit of your frustration just trying to manage them all, and defer it with duct-tape solutions until you see exactly to the core of the problem, and finally snap and write an awesome option parser.

If you want to write an option parser, don't write an option parser. Write a package manager, or a source control system, or a service restarter, or an operating system. You probably won't end up with a good one of those, but if you don't give up, and you are relentless and diligent enough in your procrastination, you may just end up with a very nice option parser.

## USAGE

```
```javascript
// my-program.js
var nopt = require("nopt")
, Stream = require("stream").Stream
, path = require("path")
, knownOpts = { "foo" : [String, null]
, "bar" : [Stream, Number]
, "baz" : path
, "bloo" : [ "big", "medium", "small" ]
, "flag" : Boolean
, "pick" : Boolean
, "many1" : [String, Array]
, "many2" : [path, Array]
}
, shortHands = { "foofoo" : ["--foo", "Mr. Foo"]
, "b7" : ["--bar", "7"]
, "m" : ["--bloo", "medium"]
, "p" : ["--pick"]
, "f" : ["--flag"]
}
// everything is optional.
// knownOpts and shortHands default to {}
// arg list defaults to process.argv
// slice defaults to 2
```

```
, parsed = nopt(knownOpts, shortHands, process.argv, 2)
console.log(parsed)
...

```

This would give you support for any of the following:

```
```console
$ node my-program.js --foo "blerp" --no-flag
{ "foo" : "blerp", "flag" : false }

$ node my-program.js
---bar 7 --foo "Mr. Hand" --flag
{ bar: 7, foo: "Mr. Hand", flag: true }

$ node my-program.js --foo "blerp" -f -----p
{ foo: "blerp", flag: true, pick: true }

$ node my-program.js -fp --foofoo
{ foo: "Mr. Foo", flag: true, pick: true }

$ node my-program.js --foofoo -- -fp # -- stops the flag parsing.
{ foo: "Mr. Foo", argv: { remain: ["-fp"] } }

$ node my-program.js --blatzk -fp # unknown opts are ok.
{ blatzk: true, flag: true, pick: true }

$ node my-program.js --blatzk=1000 -fp # but you need to use = if they have a value
{ blatzk: 1000, flag: true, pick: true }

$ node my-program.js --no-blatzk -fp # unless they start with "no-"
{ blatzk: false, flag: true, pick: true }

$ node my-program.js --baz b/a/z # known paths are resolved.
{ baz: "/Users/isaacs/b/a/z" }

if Array is one of the types, then it can take many
values, and will always be an array. The other types provided
specify what types are allowed in the list.

$ node my-program.js --many1 5 --many1 null
--many1 foo
{ many1: ["5", "null", "foo"] }

$ node my-program.js --many2 foo --many2 bar
{ many2: ["/path/to/foo", "path/to/bar"] }
...

```

Read the tests at the bottom of `lib/nopt.js` for more examples of

what this puppy can do.

## ## Types

The following types are supported, and defined on ``nopt.typeDefs``

- \* **String:** A normal string. No parsing is done.
- \* **path:** A file system path. Gets resolved against cwd if not absolute.
- \* **url:** A url. If it doesn't parse, it isn't accepted.
- \* **Number:** Must be numeric.
- \* **Date:** Must parse as a date. If it does, and ``Date`` is one of the options, then it will return a Date object, not a string.
- \* **Boolean:** Must be either ``true`` or ``false``. If an option is a boolean, then it does not need a value, and its presence will imply ``true`` as the value. To negate boolean flags, do ``--no-whatever`` or ``--whatever false``
- \* **NaN:** Means that the option is strictly not allowed. Any value will fail.
- \* **Stream:** An object matching the "Stream" class in node.  
Valuable  
for use when validating programmatically. (npm uses this to let you supply any WriteStream on the ``outfd`` and ``logfd`` config options.)
- \* **Array:** If ``Array`` is specified as one of the types, then the value will be parsed as a list of options. This means that multiple values can be specified, and that the value will always be an array.

If a type is an array of values not on this list, then those are considered valid values. For instance, in the example above, the ``--bloo`` option can only be one of ``"big"`, `"medium"`, or `"small"`, and any other value will be rejected.`

When parsing unknown fields, ``"true"`, `"false"`, and `"null"`, will be interpreted as their JavaScript equivalents.`

You can also mix types and values, or multiple types, in a list. For instance ``{ blah: [Number, null] }`` would allow a value to be set to either a Number or null. When types are ordered, this implies a preference, and the first type that can be used to properly interpret the value will be used.

To define a new type, add it to ``nopt.typeDefs``. Each item in that hash is an object with a ``type`` member and a ``validate`` method. The ``type`` member is an object that matches what goes in the type list. The ``validate`` method is a function that gets called with ``validate(data, key, val)``. Validate methods should assign ``data[key]`` to the valid value of ``val`` if it can be handled properly, or return boolean ``false`` if it cannot.

You can also call ``nopt.clean(data, types, typeDefs)`` to clean up a config object and remove its invalid properties.

## ## Error Handling

By default, nopt outputs a warning to standard error when invalid values for known options are found. You can change this behavior by assigning a method to ``nopt.invalidHandler``. This method will be called with the offending ``nopt.invalidHandler(key, val, types)``.

If no ``nopt.invalidHandler`` is assigned, then it will console.error its whining. If it is assigned to boolean ``false`` then the warning is suppressed.

## ##

### Abbreviations

Yes, they are supported. If you define options like this:

```
```javascript
{ "foolhardyelephants" : Boolean
, "pileofmonkeys" : Boolean }
```
```

Then this will work:

```
```bash
node program.js --foolhar --pil
node program.js --no-f --pileofmon
# etc.
```
```

## ## Shorthands

Shorthands are a hash of shorter option names to a snippet of args that they expand to.

If multiple one-character shorthands are all combined, and the combination does not unambiguously match any other option or shorthand, then they will be broken up into their constituent parts. For example:

```
```json
{ "s" : ["--loglevel", "silent"]
, "g" : "--global"
, "f" : "--force"
, "p" : "--parseable"
, "l" : "--long"
}
```



```
}  
...  
  
...`bash  
npm ls -sgflp  
# just like doing this:  
npm ls --loglevel silent --global --force --long --parseable  
...  
  
## The Rest of the args  
  
The config object returned by nopt is given a special member called  
`argv`, which is an object with the following fields:  
  
* `remain`: The remaining args  
after all the parsing has occurred.  
* `original`: The args as they originally appeared.  
* `cooked`: The args after flags and shorthands are expanded.  
  
## Slicing  
  
Node programs are called with more or less the exact argv as it appears  
in C land, after the v8 and node-specific options have been plucked off.  
As such, `argv[0]` is always `node` and `argv[1]` is always the  
JavaScript program being run.  
  
That's usually not very useful to you. So they're sliced off by  
default. If you want them, then you can pass in `0` as the last  
argument, or any other number that you'd like to slice off the start of  
the list.  
  
// sigslot.h: Signal/Slot classes  
//  
// Written by Sarah Thompson (sarah@telergy.com) 2002.  
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```

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(c) Dean McNamee <dean@gmail.com>, 2012.

C++ port by Mapbox, Konstantin Kfer <mail@kkaefer.com>, 2014-2017.

<https://github.com/deanm/css-color-parser-js>

<https://github.com/kkaefer/css-color-parser-cpp>

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Change Log

v25.0.1 (2019/01/10 19:29 +00:00)

- [f1c835b](<https://github.com/davglass/license-checker/commit/f1c835b991b65dc928eafe64c29b73df9e703169>) Updated readme with new args (@davglass)
- [ada667f](<https://github.com/davglass/license-checker/commit/ada667f28e8ef4e96b5b6059fe05541d05ca936c>) changelog (@davglass)
- [7813f0d](<https://github.com/davglass/license-checker/commit/7813f0db3b51f7cc4cd37d8e7b4670f9005fed06>) contrib (@davglass)

v25.0.0 (2019/01/10 15:09 +00:00)

- [cdb77d9](<https://github.com/davglass/license-checker/commit/cdb77d9a2b36cd87503f32265a0ee388b25c24ae>) 25.0.0 (@davglass)
- [b897345](<https://github.com/davglass/license-checker/commit/b89734549bc05fb5e143083fdf6d3959d87eb2b8>) [Fixes #136] Document --start option and add the depth option for looking into root dependencies or infinitely (@davglass)
- [#185](<https://github.com/davglass/license-checker/pull/185>) Merge pull request #185 from theboolean/fix/exclude-packages-and-private (@theboolean)

- [#184](https://github.com/davglass/license-checker/pull/184)
Merge pull request #184 from theboolean/docs/fix-typo (@theboolean)
- [987a60f](https://github.com/davglass/license-checker/commit/987a60fbb58052cf36d5a80e6252e81136bb1dd8)
changes 24.1.0 (@davglass)

v24.1.0 (2018/12/14 20:54 +00:00)

- [18ab8a1](https://github.com/davglass/license-checker/commit/18ab8a1eb478d1354429ca4318c1df3de3e4cbb1)
24.1.0 (@davglass)
- [1dca0f6](https://github.com/davglass/license-checker/commit/1dca0f616aebdef2d398c130a2a4f86c2b4e88c8)
Changelog (@davglass)
- [#188](https://github.com/davglass/license-checker/pull/188) Fix for #153: remove deprecated package 'spdx'
(#188) (@rogierschouten)
- [d1d34b1](https://github.com/davglass/license-checker/commit/d1d34b1a8894987807419c093c3ec10b4f06db3d)
Fix typo in package.json description (@theboolean)
- [f5c9008](https://github.com/davglass/license-checker/commit/f5c9008a6d20b503e21c0d8130e52be526a5bfe8)
Fix: Allow excluding packages and private packages together
(@theboolean)
- [98c4dc6](https://github.com/davglass/license-checker/commit/98c4dc670fdebb6e58b62b38ebcb12302e5b1db5)
changes (@davglass)

v24.0.1 (2018/10/11 16:40 +00:00)

- [d72eae8](https://github.com/davglass/license-checker/commit/d72eae8bcb80d8582e6d12c5e2664e9c19135709)
24.0.1 (@davglass)
- [9433e64](https://github.com/davglass/license-checker/commit/9433e640ea9f629aad5f00c224a9f61026b8116d)
[Fixes #181] - Removed extra line break with --cvs (@davglass)
- [65baa28](https://github.com/davglass/license-checker/commit/65baa28f532f87ebb75a32578c7ac5837806d12f)
contrib and changes (@davglass)

v24.0.0 (2018/10/09 21:12 +00:00)

- [84d64a2](https://github.com/davglass/license-checker/commit/84d64a28fa971c3bfb20b9e9de27cafbe6e8481b)
24.0.0 (@davglass)
- [#180](https://github.com/davglass/license-checker/pull/180) Feature: Exclude Private Packages (#180) (Jonny
Reeves)
- [#179](https://github.com/davglass/license-checker/pull/179) Merge pull request #179 from jonny-
improbable/fix/fix-strict-checks
(@jonny-improbable)
- [179077d](https://github.com/davglass/license-checker/commit/179077d079acbcd0183aa6691cfe5c2ec0f93f07)
Fixes 176, Packages are not ignored when using --onlyAllow and --excludePackages. (@jonny-improbable)
- [890ca17](https://github.com/davglass/license-checker/commit/890ca17d179bc43a6cb7cff962d69d1521dc9ac2)
changelog (@davglass)

v23.0.0 (2018/10/09 14:37 +00:00)

- [f243287](https://github.com/davglass/license-checker/commit/f243287fbce6da33838a226ddfe8c412535390d4)
23.0.0 (@davglass)
- [#178](https://github.com/davglass/license-checker/pull/178) Merge pull request #178 from jonny-
improbable/fix/filtering (@jonny-improbable)
- [#175](https://github.com/davglass/license-checker/pull/175) Merge pull request #175 from jonny-
improbable/patch-1 (@jonny-improbable)

- [f2c6611](https://github.com/davglass/license-checker/commit/f2c6611d6c68e50b2b6f56260026837e7167f44a) Fixes #177, --packages and --excludePackages filtering (@jonny-improbable)
- [0a598df](https://github.com/davglass/license-checker/commit/0a598df55c3ec33803ef33be07cc47a910eee961) Improve --onlyAllow violation Error
- [ee723af](https://github.com/davglass/license-checker/commit/ee723af79889a4d98ed067494a58f6aa41a44ac7) changes (@davglass)

v22.0.0 (2018/10/08 19:00 +00:00)

- [bd398c3](https://github.com/davglass/license-checker/commit/bd398c3bce0279699c9aad1dc4b592f398a75766) 22.0.0 (@davglass)
- [#172](https://github.com/davglass/license-checker/pull/172) Merge pull request #172 from fzaninotto/exclude-packages (@fzaninotto)
- [014fd96](https://github.com/davglass/license-checker/commit/014fd9613fe5460e0b7a0fc118a659a337e25e2c) added changes (@davglass)

v21.0.0 (2018/10/06 13:24 +00:00)

- [d75fe43](https://github.com/davglass/license-checker/commit/d75fe43d61a9d5b6696d71a663e25a53fd3d44f7) 21.0.0 (@davglass)
- [05cb221](https://github.com/davglass/license-checker/commit/05cb221359de4ffe1039f586cd9e8fb7cb9d6398) [Fixes #174] - Moved private and unknown detection above filtering (@davglass)
- [b1d5700](https://github.com/davglass/license-checker/commit/b1d570088236dfb90253bdac27763523b2e74ffb) Add an excludePackages option (@fzaninotto)
- [231bd3f](https://github.com/davglass/license-checker/commit/231bd3f2412507be1d702ad100b23c1b1fe93602) updated readme (@davglass)
- [6c61a7b](https://github.com/davglass/license-checker/commit/6c61a7bd102466c702065d42706392c11717cc1d) changelog (@davglass)

v20.2.0 (2018/07/30 13:49 +00:00)

- [28dc521](https://github.com/davglass/license-checker/commit/28dc5218dec3340778bd801593275ad1b222e53f) 20.2.0 (@davglass)
- [#169](https://github.com/davglass/license-checker/pull/169) Merge pull request #169 from codepunkt/restrict_packages (@codepunkt)
- [5e4b274](https://github.com/davglass/license-checker/commit/5e4b274e955485fb2aba37e65fec913b8042f38d) refactor: restore previous code style (@codepunkt)
- [ed25d68](https://github.com/davglass/license-checker/commit/ed25d6829602793e13233d3da2d97b92ee2044c6) test: add test for --packages flag (@codepunkt)
- [0f53922](https://github.com/davglass/license-checker/commit/0f53922088be0b0dfd4f8db7ea884b53d0137e45) feat: allow restricting output to specified packages (@codepunkt)
- [5f63f87](https://github.com/davglass/license-checker/commit/5f63f8766a17e589b57db99bda4eb54d91b85b77) changes and contrib (@davglass)

v20.1.0 (2018/06/07 14:33 +00:00)

- [970882a](https://github.com/davglass/license-checker/commit/970882a09b345c7f32496431e5ca4c069ad7e320) 20.1.0 (@davglass)
- [#165](https://github.com/davglass/license-checker/pull/165) Merge pull request #165 from santiagocanti/fix-exclude-not-adding-custom-licenses (@santiagocanti)
- [89e48a9](https://github.com/davglass/license-checker/commit/89e48a9d3d0c9f2e48bfcee0dc3563ce4b652e22)

Fix exclude not including custom licenses (@santiagocanti)

v20.0.0 (2018/05/17 14:14 +00:00)

- [0e89310](https://github.com/davglass/license-checker/commit/0e8931021df777cb401d9a332fa2a8c9a2c49eb2) 20.0.0 (@davglass)
- [c36a5c9](https://github.com/davglass/license-checker/commit/c36a5c99bb4f68816e4e19cad5090ba3c7ba67a4) changes (@davglass)
- [ccb66f3](https://github.com/davglass/license-checker/commit/ccb66f3410a4589e6f2b7cf1c3aefb1446bab460) contributors (@davglass)
- [#156](https://github.com/davglass/license-checker/pull/156) Merge pull request #156 from zodiac403/z4/copyright (@zodiac403)
- [56414b4](https://github.com/davglass/license-checker/commit/56414b4a67cbb25bcc8eb8cc05b0ac712b677dc2) Add unit test for Copyright statement. (@zodiac403)
- [3eafe24](https://github.com/davglass/license-checker/commit/3eafe249ad662af727a9b7472f7ad6c1b9a73ade) fixing test coverage with switch to nyc from istanbul (@davglass)

v19.0.0 (2018/04/30 14:51 +00:00)

- [7e83a06](https://github.com/davglass/license-checker/commit/7e83a069d23c104c3cd8257eb64666704ecca465) 19.0.0 (@davglass)
- [e5eb49b](https://github.com/davglass/license-checker/commit/e5eb49bcb5546dbc681f736f159d63908cd39ce9) upgrading packages (@davglass)
- [442aee6](https://github.com/davglass/license-checker/commit/442aee69b5d44e47bfd2e441c4e1f86d387e49c6) Changlog (@davglass)

v18.1.0 (2018/04/30 14:16 +00:00)

- [82ec91b](https://github.com/davglass/license-checker/commit/82ec91bb02e6bf998164b62b4aa827198156ad4c) 18.1.0 (@davglass)
- [4b546d3](https://github.com/davglass/license-checker/commit/4b546d38ce91bcbe8d21e7bc53e44635b0447fc2) contrib (@davglass)
- [#155](https://github.com/davglass/license-checker/pull/155) Merge pull request #155 from ktmouk/supress-path-property (@ktmouk)
- [#160](https://github.com/davglass/license-checker/pull/160) Merge pull request #160 from helio-frota/pr (@helio-frota)
- [8b068f2](https://github.com/davglass/license-checker/commit/8b068f25fe910d087c06e29312bc250b49aba4c7) fix: Updating debug dependency to fix a security warning (@helio-frota)
- [040dd94](https://github.com/davglass/license-checker/commit/040dd9468261966c5c40e4a418aa9ba8f716c3a2) Copyright statement: Handle multi-line stagements (@zodiac403)
- [0480750](https://github.com/davglass/license-checker/commit/04807506d61aa1d704e8b51da3a289baa025b510) Fix layout issue. (@zodiac403)
- [9cb45f2](https://github.com/davglass/license-checker/commit/9cb45f2b9ce2c1142c0d1f556f01f7d754737a4c) Link with customFormat (@zodiac403)
- [f83aaae](https://github.com/davglass/license-checker/commit/f83aaae85ad4cc2e9880802951dfacbc86dc2d7f) Merge branch 'z4/copyright' of https://github.com/zodiac403/license-checker into z4/copyright (@zodiac403)
- [7536af9](https://github.com/davglass/license-checker/commit/7536af935d91078657f0e169ed82383f099607f6) Trim output. (@zodiac403)

- [8716845](https://github.com/davglass/license-checker/commit/87168456cae35263882bd2b6d6d0081f228b6b66) Suppress path property (@ktmouk)
- [be57ee8](https://github.com/davglass/license-checker/commit/be57ee8f76c8aada0d227913b7d0e12aca0dc640) Add example for (c) statement. (@zodiac403)
- [fe17f7c](https://github.com/davglass/license-checker/commit/fe17f7c76dbdae0cbf689a0cd260a746698f3281) Parse (c) statements from LICENSE file. (@zodiac403)
- [#149](https://github.com/davglass/license-checker/pull/149) Merge pull request #149 from honzajavorek/patch-1 (@honzajavorek)
- [955bbf6](https://github.com/davglass/license-checker/commit/955bbf6070ffc9f0d01ef37bb84ffb6ac65e007b) remove the old status badge (@honzajavorek)

v18.0.0 (2018/03/20 12:30 +00:00)

- [315de0b](https://github.com/davglass/license-checker/commit/315de0b1a881cf8737c3c0131c217c4820df13a8) 18.0.0 (@davglass)
- [76655d5](https://github.com/davglass/license-checker/commit/76655d59bad95c2e52724aaa3a0cf036f0e60bd6) changelog (@davglass)
- [c8aa823](https://github.com/davglass/license-checker/commit/c8aa82342b7a250d510582c8a03dd76af50bd9c) added contributors (@davglass)
- [#147](https://github.com/davglass/license-checker/pull/147) Merge pull request #147 from honzajavorek/honzajavorek/license-files (@honzajavorek)
- [#148](https://github.com/davglass/license-checker/pull/148) Merge pull request #148 from honzajavorek/honzajavorek/use-stderr (@honzajavorek)
- [#146](https://github.com/davglass/license-checker/pull/146) Merge pull request #146 from honzajavorek/honzajavorek/fix-e2e-test (@honzajavorek)
- [#145](https://github.com/davglass/license-checker/pull/145) Merge pull request #145 from honzajavorek/honzajavorek/drop-4-add-8 (@honzajavorek)
- [0105f7d](https://github.com/davglass/license-checker/commit/0105f7dcf01a67b8f7c34371d95a1d76b191d5ed) use stderr where applicable (@honzajavorek)
- [0ff8d91](https://github.com/davglass/license-checker/commit/0ff8d917c659446256074c0940ae43dd84930233) add support for LICENSE-MIT and similar (@honzajavorek)
- [f02589e](https://github.com/davglass/license-checker/commit/f02589e62c0ba8221081b8b1799d561c3ff20500) isolate and test the license file detection (@honzajavorek)
- [f0da0fe](https://github.com/davglass/license-checker/commit/f0da0fe2ab28f1658e4ed504bb034fb1536b9ff8) add warning about commas and test it (@honzajavorek)
- [3db0b6f](https://github.com/davglass/license-checker/commit/3db0b6f05a68ccfff4181503ca87edce4ef10cd7) fix e2e test (transition from comma delimiter to semicolon) (@honzajavorek)
- [cec3b73](https://github.com/davglass/license-checker/commit/cec3b73505ac40a2dca211e78427624d009585dc) let Travis CI to cache node_modules (@honzajavorek)
- [8cea3dc](https://github.com/davglass/license-checker/commit/8cea3dcf1d185dc3ae3f37f44a82d7e123a1988) add Travis CI badge to the README (@honzajavorek)
- [8f59c3b](https://github.com/davglass/license-checker/commit/8f59c3b494f69b1d51535bcff80c0e006d0ef6bb) drop support for node 4, add support for node 8 (@honzajavorek)

v17.0.0 (2018/03/19 13:26 +00:00)

- [cd5fdd8](https://github.com/davglass/license-checker/commit/cd5fdd8e94267d7d8f29e86dd9cbf8b694c037f1) 17.0.0 (@davglass)
- [13c11ee](https://github.com/davglass/license-checker/commit/13c11eeea1b1a3e012de62536100fce91c355c8b)

updated readme and help text (@davglass)

- [#144](https://github.com/davglass/license-checker/pull/144)

Merge pull request #144 from creising/parser-fixes (@creising)

- [d2ab8df](https://github.com/davglass/license-checker/commit/d2ab8df30bc3e6b38b321a1e12a70cf477a69eb0)

added support for lic with commas and spaces (@creising)

- [2075208](https://github.com/davglass/license-checker/commit/20752083c6029823fb389a30a1ed4d7d90fa9297)

contrib and changelog (@davglass)

- [6c5274c](https://github.com/davglass/license-checker/commit/6c5274c6064d318844cf36185dea395e0893ff08)

[fixes #132] - Fixed issue with asFiles and path issues (@davglass)

- [a46c448](https://github.com/davglass/license-checker/commit/a46c4483f872c3db9498a65b7ae3dc6d8164de0a)

16.0.0 (@davglass)

- [38d63e2](https://github.com/davglass/license-checker/commit/38d63e2c2c3fd6c11012fb69b1470b2ba06d5554)

[fixes #128] - Added --onlyAllow option (@davglass)

v16.0.0 (2018/01/18 15:02 +00:00)

- [#131](https://github.com/davglass/license-checker/pull/131) Merge pull request #131

from mischah/patch-1 (@mischah)

- [e341d17](https://github.com/davglass/license-checker/commit/e341d1701092be87309ec4b51fa6eb23f7e9a589)

Fix typo in Readme (@mischah)

- [cc38a20](https://github.com/davglass/license-checker/commit/cc38a2047bf41b6fe25266114a13a9bf54133e04)

updated license text (@davglass)

v15.0.0 (2017/10/19 14:24 +00:00)

- [a9bd001](https://github.com/davglass/license-checker/commit/a9bd001b649bfa186bae5598bb8c67ff56383599)
15.0.0 (@davglass)

- [db621fa](https://github.com/davglass/license-checker/commit/db621fa6beeff870699c33be484bf49816ab7866)
changelog (@davglass)

- [#124](https://github.com/davglass/license-checker/pull/124) Merge pull request #124 from

neverendingqs/app/stricterguesses (@neverendingqs)

- [#126](https://github.com/davglass/license-checker/pull/126) app - output now includes path to dependency.

(#126) (@neverendingqs)

- [9f68b29](https://github.com/davglass/license-checker/commit/9f68b29bbfa73278cdab92e221be6ccbab191932)

app - strengthening license

guessing; resolves #123. (@neverendingqs)

- [3061c87](https://github.com/davglass/license-checker/commit/3061c87363f3416d86ca6c2ba7b2bfa77def0e73)

changes (@davglass)

v14.0.0 (2017/08/28 13:22 +00:00)

- [b2a4403](https://github.com/davglass/license-checker/commit/b2a440309c1537c52e5c5a2106f11e72d5b784ec)
14.0.0 (@davglass)

- [#122](https://github.com/davglass/license-checker/pull/122) Added --failOn [list] mode (#122) (@tobilg)

v13.1.0 (2017/08/25 15:00 +00:00)

- [ee25265](https://github.com/davglass/license-checker/commit/ee25265f92fe0d3b603da6b8c88d175e0d1f2fa5)
13.1.0 (@davglass)

- [5bb9a17](https://github.com/davglass/license-checker/commit/5bb9a17f89d7e180b3a9d929ebc073135262bd2f)
changes (@davglass)

- [b1e0392](https://github.com/davglass/license-checker/commit/b1e0392afa4b511b7c532125cd3165a828d3d4e3)

added contrib (@davglass)

- [#121](https://github.com/davglass/license-checker/pull/121) Add `--summary` mode to show a summary with counts of the used licenses (#121)

(@tobilg)

- [#119](https://github.com/davglass/license-checker/pull/119) Fix minor spelling mistakes (#119)

(@tobiasbueschel)

- [#118](https://github.com/davglass/license-checker/pull/118) Minor readme text improvements (#118)

(@peteruithoven)

- [d2bc5ea](https://github.com/davglass/license-checker/commit/d2bc5ea91ab50becea91d5f0f050955fe9a6ac59)

added license parsing info to README (@davglass)

- [3e9d320](https://github.com/davglass/license-checker/commit/3e9d320acb2e9f14297d6a4355680f34a9b0609d)

changes (@davglass)

v13.0.3 (2017/08/04 17:15 +00:00)

- [2caf76b](https://github.com/davglass/license-checker/commit/2caf76be7f2849e153ee28410f3b7a41df3283b5)

13.0.3 (@davglass)

- [fadddc8](https://github.com/davglass/license-checker/commit/fadddc895ef9c6f182e2283c5605a8c1d8fa8a25)

[fixes #117] fixed minor URL parsing (@davglass)

- [e58a868](https://github.com/davglass/license-checker/commit/e58a868268aefd97d735b364bd87d03140d76482)

changes (@davglass)

v13.0.2 (2017/07/18 16:24 +00:00)

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[2c712b7](https://github.com/davglass/license-checker/commit/2c712b7c7e6efe916d60f3ef3125f7f019c46d59)

13.0.2 (@davglass)

- [ef812c1](https://github.com/davglass/license-checker/commit/ef812c1168901d08b97dbd450a64ca03bb7062ad)

[fixes #114] - Custom URL/File parsing skipped if file found on disk (@davglass)

v13.0.1 (2017/07/17 12:48 +00:00)

- [a1bf8f1](https://github.com/davglass/license-checker/commit/a1bf8f152b100d81b44757b3b7e141df6a971c44)

13.0.1 (@davglass)

- [e6d0c89](https://github.com/davglass/license-checker/commit/e6d0c893b8a86e12493f7a5c22fd74ef26267994)

contrib & changes (@davglass)

- [#113](https://github.com/davglass/license-checker/pull/113) Use LICENSE file in preference to README (#113)

(@ibeucaly)

- [6b7f79f](https://github.com/davglass/license-checker/commit/6b7f79f654e21903ea37e4391fba3601ece32e90)

changes (@davglass)

v13.0.0 (2017/07/14 12:49 +00:00)

- [dd9e880](https://github.com/davglass/license-checker/commit/dd9e880abd234d683d8c1e57e7a5f889c9156de4)

13.0.0 (@davglass)

- [051b20b](https://github.com/davglass/license-checker/commit/051b20b0c4b35f223f724705a0025dafc809373f)

cleaned up some tests (@davglass)

- [#110](https://github.com/davglass/license-checker/pull/110) FEATURE: Recognise some custom licenses by file or url (#110) (@dancrumb)

- [#111](https://github.com/davglass/license-checker/pull/111) Resolves #60 (#111) Adding support for GPL and LGPL (@dancrumb)

- [#109](https://github.com/davglass/license-checker/pull/109) FEATURE: Improve license exclusion (#109)

(@dancrumb)

- [#108](https://github.com/davglass/license-checker/pull/108) FEATURE: Detect private modules and report them as UNLICENSED (#108) (@dancrumb)

v12.1.0 (2017/07/12 16:48 +00:00)

- [dc944e5](https://github.com/davglass/license-checker/commit/dc944e54d55d77b0ef6b6321d9abee847662ccb8)

12.1.0 (@davglass)

- [d415c58](https://github.com/davglass/license-checker/commit/d415c580b04bc5eefa592dc9f9a0a31b244c1bd3)

updated contrib and changes (@davglass)

- [#107](https://github.com/davglass/license-checker/pull/107)

Merge pull request #107 from dancrumb/feature/support-for-public-domain-licenses (@dancrumb)

- [0c55770](https://github.com/davglass/license-checker/commit/0c55770294167161c48b79cc82a15a6545154a87)

FEATURE: Add support for Public Domain licenses (@dancrumb)

v12.0.0 (2017/07/05 13:33 +00:00)

- [8b74fa1](https://github.com/davglass/license-checker/commit/8b74fa1fe3b5edb0d217aa3ce86f4662eb024621)

12.0.0 (@davglass)

- [4f3367c](https://github.com/davglass/license-checker/commit/4f3367c2bf2e9713a6cccd11341f7f4fa70ed400)

changes & contrib (@davglass)

- [#106](https://github.com/davglass/license-checker/pull/106) Merge pull request #106 from helio-frota/licensefile-readme (@helio-frota)

- [a229507](https://github.com/davglass/license-checker/commit/a2295073d0178dca1b88e85ea8f52c21d35e52fc)

src: the README is added as licenseFile (@helio-frota)

- [b59d90d](https://github.com/davglass/license-checker/commit/b59d90d8705f6f728c817b89936f95097d26857b)

changes & contrib (@davglass)

v11.0.0 (2017/05/30 13:33 +00:00)

- [258df10](https://github.com/davglass/license-checker/commit/258df102da484943088da8e0b6160b80c0e703cd)

11.0.0 (@davglass)

- [#102](https://github.com/davglass/license-checker/pull/102) Merge pull request #102 from xswordsx/multiple-licenses (@xswordsx)

- [c5c8b0f](https://github.com/davglass/license-checker/commit/c5c8b0f408f2a26259a7b1109f7cc135ed5bf9c4)

Check for SPDX-compatible licenses (@xswordsx)

v10.1.0 (2017/05/25 16:16 +00:00)

- [b52a16d](https://github.com/davglass/license-checker/commit/b52a16d0ba414e7287f82325dd65619cd76afdd1)

10.1.0 (@davglass)

- [f911a99](https://github.com/davglass/license-checker/commit/f911a9919033254945ecbbf69362cb171436688e)

contrib & changes (@davglass)

- [#100](https://github.com/davglass/license-checker/pull/100) Suppress JSON properties with custom format

(#100) (@tbbstny)

- [ed5b3ab](https://github.com/davglass/license-checker/commit/ed5b3ab50825f0be032958f8233dd3000ee98e85)

changelog (@davglass)

v10.0.0 (2017/05/17 13:51 +00:00)

- [b2c2283](https://github.com/davglass/license-checker/commit/b2c2283cf5a937e64a07ab200ec2379e481903b6)

10.0.0 (@davglass)

- [a0406ac](https://github.com/davglass/license-checker/commit/a0406ac2c7a0b1037ca31b47e36d316b9c088938)

[fixes #96] - do not replace newline, etc in licenses for exporting to json/markdown (@davglass)
- [98a03fa](https://github.com/davglass/license-checker/commit/98a03fa700ef6d038cc2f9104ea5cf17c82a10ad)
[fixes #97] - Added a newline to the output file (@davglass)
- [#98](https://github.com/davglass/license-checker/pull/98) Merge pull request #98 from davglass/eslint (@davglass)
- [10fe441](https://github.com/davglass/license-checker/commit/10fe441a2e70e549e57f7da99d2287fc55355500) moved to eslint (@davglass)
- [f82b535](https://github.com/davglass/license-checker/commit/f82b535d3b7f152fa00bb4680e94af18d1c1421d) changelog (@davglass)

v9.0.3 (2017/04/10 13:42 +00:00)

- [a0fd60f](https://github.com/davglass/license-checker/commit/a0fd60f972b7c84a32117b3dfc1f95bfa2282f27) 9.0.3 (@davglass)
- [#95](https://github.com/davglass/license-checker/pull/95) Merge pull request #95 from abtris/prefix-component (@abtris)
- [3b80272](https://github.com/davglass/license-checker/commit/3b80272a217687c2f0cd7a0c1e98775064d820ff) test: add test for csvComponentPrefix (@abtris)
- [d593554](https://github.com/davglass/license-checker/commit/d593554c1a6b4f7e004e4a23fca88cb7294f8351) feat: add support for csvComponentPrefix (@abtris)
- [5b2eea1](https://github.com/davglass/license-checker/commit/5b2eea12d8c54068a01a2cf1fd9bdeca8c1f0fa2) added contrib (@davglass)

v9.0.2 (2017/04/05 14:55 +00:00)

- [f24833b](https://github.com/davglass/license-checker/commit/f24833bce846f608ec3d8c327d335da56c42b895) 9.0.2 (@davglass)
- [#94](https://github.com/davglass/license-checker/pull/94) Merge pull request #94 from timbru31/fix-comma-exclude (@timbru31)
- [2d08a77](https://github.com/davglass/license-checker/commit/2d08a77030362c7ab03ac12358dd524c0be47eee) contrib & changelog (@davglass)

v9.0.1 (2017/04/05 13:09 +00:00)

- [9f1a1f3](https://github.com/davglass/license-checker/commit/9f1a1f32194a9bb312858f624e303af1ad4f61ca) 9.0.1 (@davglass)
- [c99f612](https://github.com/davglass/license-checker/commit/c99f612fee22d9eb03db0ad41e7918fbaf6e8ed9) added test for licenseText (@davglass)
- [#93](https://github.com/davglass/license-checker/pull/93) Merge pull request #93 from abtris/licenseText-just-in-customFormat (@abtris)
- [8d7fb2f](https://github.com/davglass/license-checker/commit/8d7fb2f85fc585d8e75ab1459e0b0cef43993ba4) fix: allow escaped commas in exclude string (@timbru31)
- [da4d73c](https://github.com/davglass/license-checker/commit/da4d73c0feb22f50ddbce54364eef5b7bcc7f1a4) test: fix test, remove check from non custom format (@abtris)
- [dcd3b59](https://github.com/davglass/license-checker/commit/dcd3b59bb9457df354fa3095189235b6e030df1a) feat: add licenseText only for customFormat
- [4e02eca](https://github.com/davglass/license-checker/commit/4e02eca6e8bd332ff6d90e5039cacb50f0df1bf3) updated contribs and changelog (@davglass)

v9.0.0 (2017/04/04 12:26 +00:00)

- [267c80e](https://github.com/davglass/license-checker/commit/267c80efac89eef70c71a12b8f12b3dc8e6d58dd) 9.0.0 (@davglass)
- [057af47](https://github.com/davglass/license-checker/commit/057af47bc52ac526f646ba21496f338689801809) added licenseFile assertion to tests (@davglass)
- [#92](https://github.com/davglass/license-checker/pull/92) Merge pull request #92 from abtris/includeFileContent (@abtris)
- [1cda118](https://github.com/davglass/license-checker/commit/1cda118e1aa18cc391ba2765dcca89172943a0f) fix: replace problematic chars for easy import to Excel (@abtris)
- [dd6ecab](https://github.com/davglass/license-checker/commit/dd6ecab1a7b1354c4d1d001491f58dbe0f5e3e63) feat: add licenseText (@abtris)
- [6395498](https://github.com/davglass/license-checker/commit/639549890c54a12043244579ad0c0d5972309fb2) changes and contrib (@davglass)

v8.0.4 (2017/02/15 16:21 +00:00)

- [28d379a](https://github.com/davglass/license-checker/commit/28d379aca51da7a47af324bc6feb63736ea02295) 8.0.4 (@davglass)
- [#89](https://github.com/davglass/license-checker/pull/89) Merge pull request #89 from Pawamoy/master (@Pawamoy)
- [#90](https://github.com/davglass/license-checker/pull/90) Merge pull request #90 from drewfish/bsd-source-code (@drewfish)
- [b704bc1](https://github.com/davglass/license-checker/commit/b704bc18a43de246302b8ff6933f8fe5f96ee3a6) guess BSD-Source-Code license (@drewfish)
- [8d31eab](https://github.com/davglass/license-checker/commit/8d31eabfb671d32e6f3e63215d6530d7fb4acc59) Add docs about customFormat option (@pawamoy)
- [2529d31](https://github.com/davglass/license-checker/commit/2529d3118dfae53f1e01056ec99f5c542cb8d63e) changes (@davglass)

v8.0.3 (2016/11/10 17:04 +00:00)

- [66fd7b5](https://github.com/davglass/license-checker/commit/66fd7b5ad5577cc2c85668a7c6607365c86a2c85) 8.0.3 (@davglass)
- [#87](https://github.com/davglass/license-checker/pull/87) Merge pull request #87 from drewfish/guess-cc0 (@drewfish)
- [668bbd3](https://github.com/davglass/license-checker/commit/668bbd38fd5148f99c5263f4e0506e04d5e3f8a0) guess CC0-1.0, upgraded jshint (@drewfish)

v8.0.2 (2016/11/09 21:57 +00:00)

- [0bdedd8](https://github.com/davglass/license-checker/commit/0bdedd8cb990e1f5ffacde1c12cc708185a5b866) 8.0.2 (@davglass)
- [ef67bb4](https://github.com/davglass/license-checker/commit/ef67bb454373352343faa49d4dc978a295bd1544) updated semver (@davglass)
- [14b5c85](https://github.com/davglass/license-checker/commit/14b5c8551ccbb5c5ce8aa76fb5367857c891d013) Changelog (@davglass)

v8.0.1 (2016/11/09 21:51 +00:00)

- [594871d](https://github.com/davglass/license-checker/commit/594871d6197a030121f940500495e6ca7d82f02c) 8.0.1 (@davglass)
- [c243663](https://github.com/davglass/license-checker/commit/c243663b0ab8a0126251292a57b2c47369a51ebf) added

contrib (@davglass)
- [#86](https://github.com/davglass/license-checker/pull/86) Merge pull request #86 from drewfish/copying (@drewfish)
- [380aa26](https://github.com/davglass/license-checker/commit/380aa26799cb527739907484e69c6dae26d5f17a) also support COPYING file (@drewfish)
- [329c367](https://github.com/davglass/license-checker/commit/329c3676d0cd5c5947a53fd205ff23b767b7f882) handling undefined@undefined error better (@davglass)
- [1f93a07](https://github.com/davglass/license-checker/commit/1f93a072632aad0660b63f61c56c3bd2fe109474) changelog (@davglass)

v8.0.0 (2016/09/09 13:23 +00:00)

- [44c2c48](https://github.com/davglass/license-checker/commit/44c2c48ae177915523fdf89a74474fe0953408bf) 8.0.0 (@davglass)
- [b5f5c6a](https://github.com/davglass/license-checker/commit/b5f5c6ae03a8c60c52fdd308f1721744a4baaa99) [fixes #78] - include notice file if found (@davglass)
- [dfcbd6f](https://github.com/davglass/license-checker/commit/dfcbd6f4966adc74e065f71e45cbd08ba8fe62ab) changelog (@davglass)
- [99976d0](https://github.com/davglass/license-checker/commit/99976d07980e241384be10341d0305d08de9cea5) 7.1.1 (@davglass)
- [ef857b7](https://github.com/davglass/license-checker/commit/ef857b7e9bab706299a1cc565ec5d144893af424) [fixes #77] fixed readme file name parsing, made it more strict (@davglass)

v7.1.1 (2016/09/07 19:16 +00:00)

- [28be6d4](https://github.com/davglass/license-checker/commit/28be6d4128a3625cf8ed37ba149e79ed3a41b4fa) changelog (@davglass)

v7.1.0 (2016/09/07 15:12 +00:00)

- [9f8b7f1](https://github.com/davglass/license-checker/commit/9f8b7f1c367dfe86342ee5f5cc97171bf97281aa) 7.1.0 (@davglass)
- [60fce1a](https://github.com/davglass/license-checker/commit/60fce1a24a4ef5add98a08dd8c8a85870db3f4a6) Fixed order of operations for parsing (@davglass)
- [9d4db11](https://github.com/davglass/license-checker/commit/9d4db112794b8110a1bfe0abfe2d3e63bc812299) Updated changelog (@davglass)

v7.0.0 (2016/09/06 14:50 +00:00)

- [a3a08da](https://github.com/davglass/license-checker/commit/a3a08da70b680d724045f655e107f36b16b45fea) 7.0.0 (@davglass)
- [b993399](https://github.com/davglass/license-checker/commit/b9933994472162cc9c4292cb42f2900e17a5167f) added contrib (@davglass)
- [d783029](https://github.com/davglass/license-checker/commit/d7830297b053496e45b7145b3cfa5809ac8ab1d1) Fixes #76 - If readme data not found, look for it on disk (@davglass)
- [#75](https://github.com/davglass/license-checker/pull/75) Merge pull request #75 from revov/master (@revov)
- [6204a24](https://github.com/davglass/license-checker/commit/6204a244ee71ae0329b4f2c1ca6cf37713741f32) Fix incorrect example in README (@revov)
- [90e24ac](https://github.com/davglass/license-checker/commit/90e24ac9ad20591d5ac166cc2974034fb997b30a) Added changelog (@davglass)
- [dd768c6](https://github.com/davglass/license-checker/commit/dd768c6c8cbc39b596881a2eca582ad4bb816879)

Added contributors (@davglass)

v6.0.0 (2016/08/26 19:46 +00:00)

- [4bca140](https://github.com/davglass/license-checker/commit/4bca140db752b7b98ad1e261e5ee965d84995741) 6.0.0 (@davglass)
- [889ff17](https://github.com/davglass/license-checker/commit/889ff171aeb01a2180f4c9100ca9ea528a264d81) updating tests (@davglass)
- [ed18801](https://github.com/davglass/license-checker/commit/ed188010351c4afb44db0d32dfa1025de53bf10f) Merge branch 'nodeback' of git://github.com/bengl/license-checker into bengl-nodeback (@davglass)
- [34bb266](https://github.com/davglass/license-checker/commit/34bb26677cd0e25500fa545d4f1e8aef216b8cc7) dropping node 0.10 and adding node 6.0 to travis (@davglass)
- [1d30667](https://github.com/davglass/license-checker/commit/1d306674a7fface2cad31f2bd76d7584c7922bbc) updating tests (@davglass)
- [65d7c73](https://github.com/davglass/license-checker/commit/65d7c73f967111003fcc71ae24a4a5391bd48046) Cleaned up some code (@davglass)
- [f753998](https://github.com/davglass/license-checker/commit/f753998a06cbb5fd9fff6430b3588a3b3cf81339) Merge branch 'master' of git://github.com/amittkSharma/license-checker into amittkSharma-master (@davglass)
- [28e4462](https://github.com/davglass/license-checker/commit/28e4462543724685080c1623dc2dbd57cabb1c30) Added tests and cleaned up linting (@davglass)
- [153857a](https://github.com/davglass/license-checker/commit/153857a251a97d14c883f6479579844b2980b5aa) Publisher Information incorporated.
- [1265cb3](https://github.com/davglass/license-checker/commit/1265cb38d186ab1609dbdfa4124f237f8aa15846) Added ability to output individual license files (@aweber1)
- [49e11d0](https://github.com/davglass/license-checker/commit/49e11d049645d565b7ef6d3c778af54eb13af888) fix tests (@bengl)
- [26ffc6f](https://github.com/davglass/license-checker/commit/26ffc6f63d43c372c9a18f9c0c137608b3d5e4fa) use nodeback/errback (@bengl)

v5.1.2 (2016/05/04 18:32 +00:00)

- [7101c77](https://github.com/davglass/license-checker/commit/7101c77667ad134fe01f02c298e7df2a4080e311) 5.1.2 (@davglass)
- [#67](https://github.com/davglass/license-checker/pull/67) Merge pull request #67 from graingert/patch-2 (@graingert)
- [a6ee290](https://github.com/davglass/license-checker/commit/a6ee2904eb7fcced220dcfe8548f80ec74fde3a2) Upgrade read-installed (@graingert)
- [42e29c6](https://github.com/davglass/license-checker/commit/42e29c637940959121842762d74921bece5e8d93) migrating tests from vows to mocha (@davglass)

v5.1.1 (2016/04/14 13:20 +00:00)

- [6ae0334](https://github.com/davglass/license-checker/commit/6ae03348ca8e5835ac732028afdab664a381cfc4) 5.1.1 (@davglass)
- [0720a46](https://github.com/davglass/license-checker/commit/0720a46569f3e12eb398165526944f307e08aad6) Fixes #64 - Turn off color for --json/markdown/csv options (@davglass)

v5.1.0 (2016/03/09 15:50 +00:00)

- [86772d2](https://github.com/davglass/license-checker/commit/86772d202b63d4a4c6729b9a774193ca6ef5cb3f) 5.1.0 (@davglass)

- [#61](https://github.com/davglass/license-checker/pull/61) Merge pull request #61 from sgt dck/master (@sgtdck)
- [6547ac1](https://github.com/davglass/license-checker/commit/6547ac1ded58560c7c4abdfc68fa69d17b81fe1e) Removed obsolete d[key].name assignment from tests (@sgtdck)
- [00b18a6](https://github.com/davglass/license-checker/commit/00b18a6012387e1a4a8284c07bf2d08740e03ddd) Added a --relativeLicensePath option to display the license file relatively to the current path. (@sgtdck)
- [629da20](https://github.com/davglass/license-checker/commit/629da201e0d1170057fd9efe05efcb293d2f1bda) Added latest contributors (@davglass)

v5.0.1 (2016/02/08 15:57 +00:00)

- [33731fc](https://github.com/davglass/license-checker/commit/33731fca482936a7a18fffe3fca2f3cd41e3a625) 5.0.1 (@davglass)
- [fe06eae](https://github.com/davglass/license-checker/commit/fe06eaeaf8844d050ad0f80d576a221dd605131de) Fixed replace (@davglass)
- [997914f](https://github.com/davglass/license-checker/commit/997914fd6f94030452d4d9bf549eb156ae8ef7c0) fix git+https URLs (@graingert)
- [#57](https://github.com/davglass/license-checker/pull/57) Merge pull request #57 from Damien-Larmine/doc-license-asterisk (@Damien-Larmine)
- [2adff2d](https://github.com/davglass/license-checker/commit/2adff2da98a5af79479a162e4998eb5892ab31c3) Explicit the asterisk in license report (@Damien-Larmine)
- [b2fc9cf](https://github.com/davglass/license-checker/commit/b2fc9cf2a8eaa008c7593037d046f245a7ce7f25) 5.0.0 (@davglass)
- [7f71c53](https://github.com/davglass/license-checker/commit/7f71c53833cf1318ffe84215fcb1291f9ce4fbd5) updated contributors (@davglass)

v5.0.0 (2016/01/22 15:31 +00:00)

- [#55](https://github.com/davglass/license-checker/pull/55) Merge pull request #55 from davglass/devflag (@davglass)
- [ff1d8f2](https://github.com/davglass/license-checker/commit/ff1d8f20d5d7248a4f61e2fc9279fdfea91a6ec6) supporting --production and --development flags (@davglass)
- [#53](https://github.com/davglass/license-checker/pull/53) Merge pull request #53 from swashcap/enhancement/#46-verbose-output (@swashcap)
- [#54](https://github.com/davglass/license-checker/pull/54) Merge pull request #54 from davglass/travis-updates (@davglass)
- [2c80d9d](https://github.com/davglass/license-checker/commit/2c80d9d2dcc59340698630144256096a91e23f22) fixing tests in other node versions (@davglass)
- [78820ac](https://github.com/davglass/license-checker/commit/78820ac33ab8aed74809c8a5f8847705c8b2848e) travis config updates (@davglass)
- [f94263b](https://github.com/davglass/license-checker/commit/f94263b203046e2f53d64997b0261498010eb38d) Update documentation for debug use. (@swashcap)
- [429e44d](https://github.com/davglass/license-checker/commit/429e44d697527221ef22bb03af9d67820015446f) Change `console.error` call to use debug module. (@swashcap)
- [7312daf](https://github.com/davglass/license-checker/commit/7312daf7af195a1b9d1b1f290fae15963fbb2ab4) Add debug to project. (@swashcap)

v4.2.0 (2015/10/20 13:44 +00:00)

- [3583d92](https://github.com/davglass/license-checker/commit/3583d925e96fc9f63b3bbf0110b11c8448aed0e7) 4.2.0 (@davglass)
- [981eeda](https://github.com/davglass/license-checker/commit/981eeda898084dea88d54ea29c5bda93c5313fb6)

Fixes #49: Default to unknown if licenses null and added ISC support (@davglass)

v4.1.2 (2015/09/29 13:46 +00:00)

- [ba946dd](https://github.com/davglass/license-checker/commit/ba946dd1065e762c36b27dcecd9bb7389ad18d4) 4.1.2 (@davglass)
- [#48](https://github.com/davglass/license-checker/pull/48) Merge pull request #48 from CantemoInternal/master (@CantemoInternal)
- [e314a6d](https://github.com/davglass/license-checker/commit/e314a6d1f505d19478c33871640a763fabff6abd) Fix json, csv and markdown output for license-checker (@mattiasa)

v4.1.1 (2015/09/12 14:39 +00:00)

- [c918314](https://github.com/davglass/license-checker/commit/c918314bfc687b647d1d288bb5857dd1caac1393) 4.1.1 (@davglass)
- [#47](https://github.com/davglass/license-checker/pull/47) Merge pull request #47 from tmpvar/ensure-bin-runs (@tmpvar)
- [a842eca](https://github.com/davglass/license-checker/commit/a842ecae4f008c07df3039dcaacd4641d7273625) add missing } (@tmpvar)
- [1d513bb](https://github.com/davglass/license-checker/commit/1d513bb673d726f34286061446f965e46d96170e) ensure bin/license-checker works at a high-level (@tmpvar)

v4.1.0 (2015/09/09 14:52 +00:00)

- [a4bb437](https://github.com/davglass/license-checker/commit/a4bb437ffa806c0832f877da2de7a107863d0a1f) 4.1.0 (@davglass)
- [ddd317a](https://github.com/davglass/license-checker/commit/ddd317a5a09344f0021812b8dee2f39bbbf07a0) fixed all of the windows line endings (@davglass)
- [11e6487](https://github.com/davglass/license-checker/commit/11e64870484435e1e6f8efb9b0f13e6b2f737a6b) Fix issues caused by merge (@ptusch)
- [313a7ed](https://github.com/davglass/license-checker/commit/313a7edc3dbdf8d50e43ba8da89306d3c89326bc) Merge remote-tracking branch 'remotes/upstream/master' into ft_custom_format (@ptusch)
- [1f5e326](https://github.com/davglass/license-checker/commit/1f5e326dbca91fc8a396b9e02efe3eac9fd82a82) added contributors to package.json (@davglass)
- [#45](https://github.com/davglass/license-checker/pull/45) Merge pull request #45 from hufsm/ft_error_handling (@hufsm)
- [c806034](https://github.com/davglass/license-checker/commit/c806034ab6feaecf297d0c23afb536b290ba8c81) Remove unused var statement (@ptusch)
- [778b1fa](https://github.com/davglass/license-checker/commit/778b1fa1a9c1be0c816545165020522d2dbf17ef) More tests to fulfill the required % (@ptusch)
- [22257d9](https://github.com/davglass/license-checker/commit/22257d95490765db816578cc48c2b5b62699f1aa) Add tests for licenses (WTFPL) (@ptusch)
- [0fe7561](https://github.com/davglass/license-checker/commit/0fe75611a73970fe9e9e0aab2d4bdee5250435b2) Remove unused filter option (never used) (@ptusch)
- [83caa10](https://github.com/davglass/license-checker/commit/83caa10493a5a05ffba6c0e80b5c03f9cd4f65d6) Change license shortcut for WTFPL (@ptusch)
- [3e348db](https://github.com/davglass/license-checker/commit/3e348dbe5feeb7bd356ebef3cd34e69329dbc8c1) More tests for the custom formatter (@ptusch)
- [96c2d6f](https://github.com/davglass/license-checker/commit/96c2d6f24c509df2bf3f6bd8b83a613fea8d9ecc)

Add tests for customFormatter (@ptusch)
- [c9948c4](https://github.com/davglass/license-checker/commit/c9948c4b7b2cccdd053ba63f4fd2a6a6d0a46493)
Add test configs (@ptusch)
- [4b2dea0](https://github.com/davglass/license-checker/commit/4b2dea0c124f6aba63abd2129625825c3b5a6570)
Fix merge issues - semicolon slipped through (@ptusch)
- [cc7662a](https://github.com/davglass/license-checker/commit/cc7662a46719c97745410e3ac2b782f937dc54ef)
Merge branch 'master' into ft_error_handling (@ptusch)
- [04a2294](https://github.com/davglass/license-checker/commit/04a2294b82a8227cccb83d76f73cbd7cf62af533)
Add additional test (@ptusch)
- [52fa91c](https://github.com/davglass/license-checker/commit/52fa91c5cbc345736ebe6e97f400a27a773502d2)
Add parseJson test (@ptusch)
- [d846c5e](https://github.com/davglass/license-checker/commit/d846c5e6970737dd3085688e7b601e9ea4546417)
Fix tests after merge conflict (@ptusch)
- [7eac458](https://github.com/davglass/license-checker/commit/7eac4583f8003b5bda4ef966768bbb457fe8dc44)
Merge branch 'master' into ft_custom_format (@ptusch)
- [4aa7065](https://github.com/davglass/license-checker/commit/4aa7065c5eef88d49c3684369b2edd9802c3f374)
Add tests for customFormat (@ptusch)

v4.0.0 (2015/09/04 13:40 +00:00)
- [3fbba5b](https://github.com/davglass/license-checker/commit/3fbba5bd5a489ea8c17328eabf71c4d5e9beb17e)
4.0.0 (@davglass)
- [ce8d661](https://github.com/davglass/license-checker/commit/ce8d66108a49af7855c16231ce675c567a2ffe7f)
tests: added 100% coverage for license file (@davglass)
- [#42](https://github.com/davglass/license-checker/pull/42) Merge pull request #42 from ptusch/ft_onlyunknown (@ptusch)
- [8929e90](https://github.com/davglass/license-checker/commit/8929e90413be0362f19e755048e9218c372abf68)
Add tests for the error generation (@ptusch)
- [1a93a41](https://github.com/davglass/license-checker/commit/1a93a41569a53a1580c94c2c903a5bc127ad2692)
Add error handling (@ptusch)
- [6b79145](https://github.com/davglass/license-checker/commit/6b791457463dca71b22b09eecff16bbf982db682)
Add additional check to negate the test (@ptusch)
- [559e72c](https://github.com/davglass/license-checker/commit/559e72ccab2420bc42bf28b498702dad13ef967a)
Add test for the first function call. (@ptusch)
- [faf8ffd](https://github.com/davglass/license-checker/commit/faf8ffd69fd8ae475484a9b47b57a7b6ea738856)
Remove trivial UNKNOWN check (@ptusch)
- [6fa44ef](https://github.com/davglass/license-checker/commit/6fa44ef8c045ab2b0a1291b45990edf52adfc0e2)
Merge branch 'master' into ft_custom_format (@ptusch)
- [efe23d9](https://github.com/davglass/license-checker/commit/efe23d991cfc40dc6980fbf13461408da822b1f)
Merge branch 'master' into ft_onlyunknown (@ptusch)
- [c287959](https://github.com/davglass/license-checker/commit/c2879592858805d7ecd0304a39c5cf079efe6a7c)
Add option to only show unknown licenses (@ptusch)
-
[#43](https://github.com/davglass/license-checker/pull/43) Merge pull request #43 from senotrusov/master (@senotrusov)
- [d7a663f](https://github.com/davglass/license-checker/commit/d7a663f9deeb4d7a648a6d2cb9db84d5667ee540)
Add test for exclude option. (@senotrusov)
- [45a27de](https://github.com/davglass/license-checker/commit/45a27de02a3c1d57a86e3f8e14b6e335788c23ba)
Add option to exclude from the output modules which licenses are in the comma-separated list (@senotrusov)

- [#41](https://github.com/davglass/license-checker/pull/41) Merge pull request #41 from ptusch/ft_path_to_unknown_dependency (@ptusch)
- [1ff5f22](https://github.com/davglass/license-checker/commit/1ff5f225fd2ba97edfd3ef3f6462981832740c19) Add option to see the path of a dependency if unknown (@ptusch)
- [ea4d629](https://github.com/davglass/license-checker/commit/ea4d6297de32d94201bb4786da7ba824d928c8f2) Add additional 'undefined' checks (@ptusch)
- [af043a2](https://github.com/davglass/license-checker/commit/af043a2c11af45d28bfe71914cd10672855b3297) Merge branch 'master' into ft_custom_format (@ptusch)
- [2d94a19](https://github.com/davglass/license-checker/commit/2d94a19ece177836345a4227893a82d956141b2e) updating the docs for --unknown to make it clear (@davglass)
- [38a2bd2](https://github.com/davglass/license-checker/commit/38a2bd28a9597fdb06d844258f1070054b38bbcf) Fix codestyle and whitespaces (@ptusch)
- [dd173ba](https://github.com/davglass/license-checker/commit/dd173badc65368dc6140476ffe5ae3768fbf9618) Add --customPath in README.md (@ptusch)
- [911fc1c](https://github.com/davglass/license-checker/commit/911fc1c6b5cc27a32aac60bb409c08be138bc707) Finalize the customFormat (markdown) (@ptusch)
- [8102091](https://github.com/davglass/license-checker/commit/8102091f7949fa8b73cfc803e4aead3624b81148) Add functionality to add a custom format (@ptusch)

v3.1.0 (2015/06/29 14:25 +00:00)

- [59e1e58](https://github.com/davglass/license-checker/commit/59e1e58ca0bea1cd38e3da1712fe7ca624d860b0) 3.1.0 (@davglass)
- [0e33f7a](https://github.com/davglass/license-checker/commit/0e33f7a2cb9fa69d13d1e2b5c69f70f885e09e08) reformatted code, fixed lint issues and added tests (@davglass)
- [83a7f09](https://github.com/davglass/license-checker/commit/83a7f0933d1cc1f331279e53fccc13e4efface91) Merge branch 'asMarkdown' of git://github.com/ptusch/license-checker into ptusch-asMarkdown (@davglass)
- [703ad47](https://github.com/davglass/license-checker/commit/703ad4714173559e05267e8fd24c74e5b9d3aee0) fixing tests (@davglass)
- [2d9fffd](https://github.com/davglass/license-checker/commit/2d9fffd75192e9812692c9099481d23e265bb493) Added Markdown Option (@ptusch)
- [67dca36](https://github.com/davglass/license-checker/commit/67dca365b941a7265e4a98d2de533b22c761b169) Remove color tags (@ptusch)

v3.0.3 (2015/06/03 13:35 +00:00)

- [7475c12](https://github.com/davglass/license-checker/commit/7475c129bf291289e4616d9692a962ae537401e8) 3.0.3 (@davglass)
- [c7dae0f](https://github.com/davglass/license-checker/commit/c7dae0fe5317a17b3aef61e8c118fafc6bb43a56) spdx license (@davglass)

v3.0.2 (2015/05/12 20:29 +00:00)

- [01f3b53](https://github.com/davglass/license-checker/commit/01f3b5384998be6243d38e0d95a4478e5fe3cfa5) 3.0.2 (@davglass)
- [fc0c083](https://github.com/davglass/license-checker/commit/fc0c0832ee291c55e53efe6b37a7b9d89f191bc7) defensive code, fixes #34 (@davglass)

v3.0.1 (2015/05/04 12:28 +00:00)

- [0479570](https://github.com/davglass/license-checker/commit/0479570faf87eccc9b37fbb25afae7faec6636) 3.0.1 (@davglass)

- [d85e355](https://github.com/davglass/license-checker/commit/d85e355b55998952facf202eabf8d374fec69a7e)
Checking for valid path first (@davglass)

v3.0.0 (2015/04/24 14:38 +00:00)

- [e22b61d](https://github.com/davglass/license-checker/commit/e22b61d5d32fef7ffb18627f55a97e1863a78096)
3.0.0 (@davglass)

- [fde9635](https://github.com/davglass/license-checker/commit/fde963583dd207eca4badffb3e0d033a038f17b5)
always try to find and log the
license file (@davglass)

v2.0.2 (2015/01/26 18:18 +00:00)

- [490f31d](https://github.com/davglass/license-checker/commit/490f31d6820f068814cfe27adf3af1ac6d58f733)
2.0.2 (@davglass)

- [a3fefdb](https://github.com/davglass/license-checker/commit/a3fefdb8fafd7ec64714defb793d757a9e8ad065)
fixes #30 (@davglass)

v2.0.1 (2015/01/12 18:34 +00:00)

- [898fbd5](https://github.com/davglass/license-checker/commit/898fbd53fa289338cf8a9a1735eea440c2a6c525)
2.0.1 (@davglass)

- [2da23db](https://github.com/davglass/license-checker/commit/2da23db2f240e7e73efdf93cc554e4d7783af225)
cleaned up spacing and moved vars around (@davglass)

- [d47dbe4](https://github.com/davglass/license-checker/commit/d47dbe45c992dbbdb15bfb45e8af7f18ee0ca737)
fixes #29 (@davglass)

v2.0.0 (2014/12/04 16:34 +00:00)

- [f94edfe](https://github.com/davglass/license-checker/commit/f94edfec7a9914b4a36f455e8bffc6230d6f7a5e)
2.0.0 (@davglass)

- [f4c7b1a](https://github.com/davglass/license-checker/commit/f4c7b1a3d4e9c0e4753a9b267e51714fe7f7051e)
syntax cleanup (@davglass)

- [d189623](https://github.com/davglass/license-checker/commit/d1896234a5649621ee57ff9a901877d769217194)
Document CLI options in README. (@timoxley)

- [11e204c](https://github.com/davglass/license-checker/commit/11e204c5c078eae1f165fa010da229d2a9fb4b5)
Default to --no-colour for json, csv & file output. (@timoxley)

- [7e80d50](https://github.com/davglass/license-checker/commit/7e80d50c733f8ee42c7b4a79dc3344b3dd330cff)
Add --out flag for writing an output file. (@timoxley)

- [47bffc9](https://github.com/davglass/license-checker/commit/47bffc9e0e249b2847c8ed4f3eaadb0dcdd731b9)
Always print to stdout, don't write files. (@timoxley)

- [b725080](https://github.com/davglass/license-checker/commit/b725080d2dbdfdbf0994867577d4c5e3dc0ee2a)
Don't print info messages to stdout. (@timoxley)

v1.0.1 (2014/11/27 15:23 +00:00)

- [e60f792](https://github.com/davglass/license-checker/commit/e60f792159351aa7ccff1f7af73e289afee261a5)
1.0.1 (@davglass)

-

[3f74178](https://github.com/davglass/license-checker/commit/3f7417822dc8804978d1bae4ed84190d327df15c)
Merge branch 'fixinfiniterecursion' of github.com:yzapuchlak/license-checker into yzapuchlak-fixinfiniterecursion
(@davglass)

- [dc78ea0](https://github.com/davglass/license-checker/commit/dc78ea0dca546283440c89fec2dc6818dc4cc1c1)

sticking vows 0.8.0 for testing (@davglass)

- [bd549b3](https://github.com/davglass/license-checker/commit/bd549b3b68e74fddd0e08dac10d5f88a8bb51ca6)
Fixed issue where circular dependencies in dependency tree would cause the flatten function to infinitely recurse. If the current key is found to be already in the data object (which means it was already processed), we stop processing that key and return the data object. (@yzapuchlak)

v1.0.0 (2014/11/21 13:56 +00:00)

- [917193d](https://github.com/davglass/license-checker/commit/917193dab27147534976b71307a77f48198ca322)
1.0.0 (@davglass)
- [63e5f9c](https://github.com/davglass/license-checker/commit/63e5f9c77e348720b3867171bcc67541e846d088)
added options.filter to checker.init (@davglass)

v0.1.2 (2014/11/20 15:48 +00:00)

- [8e5f5f0](https://github.com/davglass/license-checker/commit/8e5f5f0e7f83252e4039f6c7d16cc266acc1a33a)
0.1.2 (@davglass)
- [3d7a74e](https://github.com/davglass/license-checker/commit/3d7a74e90122f908057b2008ab29d8bd49011291)
fixed lint issue (@davglass)

v0.1.1 (2014/11/20 15:47 +00:00)

- [750d507](https://github.com/davglass/license-checker/commit/750d5079d32b44ecc984ff7ed672498d1b197235)
0.1.1 (@davglass)
- [94522e0](https://github.com/davglass/license-checker/commit/94522e099434dfdf163c3f2c5cacb3e6aa196cf8)
fixed merge issues (@davglass)

v0.1.0 (2014/11/20 15:41 +00:00)

- [8127f5e](https://github.com/davglass/license-checker/commit/8127f5e79eeceb7dfd86cd5f694080e4183dcb11)
0.1.0 (@davglass)
- [76c71ac](https://github.com/davglass/license-checker/commit/76c71ac46baeca8c349fe5892dcb659e859b9608)
Updated to newer read-installed (@davglass)

###

v0.0.10 (2014/08/12 12:48 +00:00)

- [807507d](https://github.com/davglass/license-checker/commit/807507df1a293bc0360adffd725a9f911331ff2b)
0.0.10 (@davglass)
- [e39ad9b](https://github.com/davglass/license-checker/commit/e39ad9bce6bcd545772c241e2e7aba8f40d5bbbb)
Added checking that the license file is a normal file, because otherwise an appropriately named directory crashes the license-checker through EISDIR, illegal operation on a directory.
- [40ca4da](https://github.com/davglass/license-checker/commit/40ca4dadbc163ca774c87b1de249bd295952faa9)
colorize (@couchand)

v0.0.9 (2014/07/29 01:48 +00:00)

- [c14ef79](https://github.com/davglass/license-checker/commit/c14ef79f10f950ff0985e7e0b3138147b98ab1ec)
0.0.9 (@davglass)
- [ba1b66b](https://github.com/davglass/license-checker/commit/ba1b66b6172a2f9f8dbcdc56f40206820bc0916b)
Fixes #12 - Using some nicer regexes (@davglass)
- [bce94d5](https://github.com/davglass/license-checker/commit/bce94d5a8ab2f146356851776b2543df65fbf750)
case insensitive

check (@davglass)

- [87c3406](https://github.com/davglass/license-checker/commit/87c3406ae2507eaf1d00d592f6dcb59a16e7c48)

Allow for LICENCE (@gdw2)

v0.0.8 (2014/07/07 20:10 +00:00)

- [6ad6ee2](https://github.com/davglass/license-checker/commit/6ad6ee21813e698e7f995e98dcadafbd961f6a33)

0.0.8 (@davglass)

- [b8c5815](https://github.com/davglass/license-checker/commit/b8c58151135f57d91fb0d1cfb194d034c012073f)

added tests and refactored the code a little (@davglass)

- [275f276](https://github.com/davglass/license-checker/commit/275f276dc6e6d5635f9cb5b7e9a978e286f2d174)

Added --csv option to readme file

- [d91eb72](https://github.com/davglass/license-checker/commit/d91eb7289466853ae6e88448b953b4d3d98ebab5)

Apparently abbrev is now at version 1.0.5 which caused the unit test to fail.

- [40b4a42](https://github.com/davglass/license-checker/commit/40b4a420e520c2008b9395d1a8fdf38b56f846f5)

Modified changes based on lshint output during Travis build

- [54e2390](https://github.com/davglass/license-checker/commit/54e2390cefd1dc664a15cd3a84347227f889f48b)

Added csv output option similar to the existing JSON output option. Requires an output filename.

v0.0.7 (2014/02/26 04:52 +00:00)

- [1ce6d42](https://github.com/davglass/license-checker/commit/1ce6d42147b2d0237870818e8059003b331816cf)

0.0.7 (@davglass)

- [7d04195](https://github.com/davglass/license-checker/commit/7d041959450c68b3c5f427007c43cd6c73c6adfb)

Added not check and a proper test (@davglass)

- [40d6e25](https://github.com/davglass/license-checker/commit/40d6e2580946c3cee1d408ebe28ff523852e8eb2)

Undefined handling (@garrows)

- [90217d0](https://github.com/davglass/license-checker/commit/90217d070fd62cf76eb4e7b1610ed5eef6ae840d)

travis Stuff (@davglass)

- [2bd76c8](https://github.com/davglass/license-checker/commit/2bd76c894f740cd83f6246e0e7341832c6432d8b)

0.0.6 (@davglass)

- [6f390ff](https://github.com/davglass/license-checker/commit/6f390fff60b31a07939e6d325796bdcfbefb5907)

Added some better tests

(@davglass)

- [2dbcac3](https://github.com/davglass/license-checker/commit/2dbcac37b5795ceb6db53452d0e41d1c4bc3153f)

Looking for WTFPL as well as the string (@davglass)

- [5d91a07](https://github.com/davglass/license-checker/commit/5d91a073a8b76ec9a497c1e3b83198ce97e144fd)

Flattened array of one (@davglass)

- [e95da82](https://github.com/davglass/license-checker/commit/e95da820c63e0d56c4567f1cfad07142d3110eca)

Fixed extra var (@davglass)

- [fe8f2f7](https://github.com/davglass/license-checker/commit/fe8f2f7d39d520c0c4d87d34c9d4f55d59f4222d)

Removing unnecessary log statement (@paulmand3l)

- [72a6f24](https://github.com/davglass/license-checker/commit/72a6f2403de43ecf5ec07bb504cb931c0e53f6a3)

Adding license checks in the LICENSE file (and variations) (@paulmand3l)

- [#7](https://github.com/davglass/license-checker/pull/7) Merge pull request #7 from jamesbloomer/master

(@jamesbloomer)

- [a81eee0](https://github.com/davglass/license-checker/commit/a81eee0a27f580688e371cc15015e848f591bb92)

Fixed missing "install" in npm -g (@jamesbloomer)

- [416b012](https://github.com/davglass/license-checker/commit/416b01219e07a8274e05cd883ec050376902adeb)

Updated Version (@davglass)

- [6d9bd1e](https://github.com/davglass/license-checker/commit/6d9bd1e195202c871693d4b1e9bac8c055683e8b) Fixed lint issue and added a test placeholder. Will add more tests soon (@davglass)
- [655a316](https://github.com/davglass/license-checker/commit/655a316f6448daf3c449f8b88e8878a95a8b153e) Added Travis test file (@davglass)
- [99895df](https://github.com/davglass/license-checker/commit/99895df6d3ac0f9ae4e8c935311fb1b3f88a688e) Version Bump (@davglass)
- [#4](https://github.com/davglass/license-checker/pull/4) Merge pull request #4 from badunk/refactor (@badunk)
- [1123a1b](https://github.com/davglass/license-checker/commit/1123a1baefc1975f8c36cb59952254cd66c31017) Merge branch 'master' of https://github.com/davglass/license-checker (@badunk)
- [191612e](https://github.com/davglass/license-checker/commit/191612e5c21a01bd453368299a14cc5ff1c6fb13) Version Bump (@davglass)
- [#2](https://github.com/davglass/license-checker/pull/2) Merge pull request #2 from badunk/circular (@badunk)
- [9b5a117](https://github.com/davglass/license-checker/commit/9b5a1175892254e96d72f3d8dc793dcc4e2bde37) fixed special case when an empty array is passed to license/licenses (@badunk)
- [025668b](https://github.com/davglass/license-checker/commit/025668b0a62b0d5b58662ce6aeed91de909a6fef) fixed bug with multiple licenses objects not showing (@badunk)
- [e6bdf52](https://github.com/davglass/license-checker/commit/e6bdf52a8e5f9ebed29982014fa4d4586f63d06a) cleaned up the code (@badunk)
- [efb62f2](https://github.com/davglass/license-checker/commit/efb62f2f52a29e9a37a7f387b280fc17ab0a5f19) added check for circular dependencies (@badunk)
- [825b40c](https://github.com/davglass/license-checker/commit/825b40cb61fee36dd60751daa9d44e28853587ac) Version Bump (@davglass)
- [#1](https://github.com/davglass/license-checker/pull/1) Merge pull request #1 from mwilliamson/master (@mwilliamson)
- [2f24319](https://github.com/davglass/license-checker/commit/2f24319dd8dd212a1f78ad91af7fee21d50ab762) Don't ignore license field if it's a string (@mwilliamson)
- [7b8c34f](https://github.com/davglass/license-checker/commit/7b8c34f75b04a7541bf23d596bbaae5447492c53) Initial Commit (@davglass)

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Version 3, 29 June 2007

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1.308 fontconfig 2.13.0-4.3.el7_8

1.308.1 Available under license :

fontconfig/COPYING

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Copyright 2005 Patrick Lam

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Copyright 2008,2009 Red Hat, Inc.

Copyright 2008 Danilo Egan

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1.309 effective-tld-names unknown

1.309.1 Available under license :

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

```
// This Source Code Form is subject to the terms of the Mozilla Public
// License, v. 2.0. If a copy of the MPL was not distributed with this
// file, You can obtain one at https://mozilla.org/MPL/2.0/.
```

```
// Please pull this list from, and only from https://publicsuffix.org/list/public\_suffix\_list.dat,
// rather than any other VCS sites. Pulling from any other URL is not guaranteed to be supported.
```

```
// Instructions on pulling and using this list can be found at https://publicsuffix.org/list/.
```

```
// ===BEGIN ICANN DOMAINS===
```

```
// ac : https://en.wikipedia.org/wiki/.ac
```

ac

com.ac

edu.ac

gov.ac

net.ac

mil.ac

org.ac

```
// ad : https://en.wikipedia.org/wiki/.ad
```

ad

nom.ad

```
// ae : https://en.wikipedia.org/wiki/.ae
```

```
// see also: "Domain Name Eligibility Policy" at http://www.aeda.ae/eng/aepolicy.php
```

ae

co.ae

net.ae

org.ae

sch.ae

ac.ae

gov.ae

mil.ae

```
// aero : see https://www.information.aero/index.php?id=66
```

aero

accident-investigation.aero

accident-prevention.aero

aerobatic.aero

aeroclub.aero

aerodrome.aero

agents.aero
aircraft.aero
airline.aero
airport.aero
air-surveillance.aero
airtraffic.aero
air-traffic-control.aero
ambulance.aero
amusement.aero
association.aero
author.aero
ballooning.aero
broker.aero
caa.aero
cargo.aero
catering.aero
certification.aero
championship.aero
charter.aero
civilaviation.aero
club.aero
conference.aero
consultant.aero
consulting.aero
control.aero
council.aero
crew.aero
design.aero
dgca.aero
educator.aero
emergency.aero
engine.aero
engineer.aero
entertainment.aero
equipment.aero
exchange.aero
express.aero
federation.aero
flight.aero
freight.aero
fuel.aero
gliding.aero
government.aero
groundhandling.aero
group.aero
hanggliding.aero
homebuilt.aero
insurance.aero

journal.aero
journalist.aero
leasing.aero
logistics.aero
magazine.aero
maintenance.aero
media.aero
microlight.aero
modelling.aero
navigation.aero
parachuting.aero
paragliding.aero
passenger-association.aero
pilot.aero
press.aero
production.aero
recreation.aero
repbody.aero
res.aero
research.aero
rotorcraft.aero
safety.aero
scientist.aero
services.aero
show.aero
skydiving.aero
software.aero
student.aero
trader.aero
trading.aero
trainer.aero
union.aero
workinggroup.aero
works.aero

//

af : <http://www.nic.af/help.jsp>

af

gov.af

com.af

org.af

net.af

edu.af

// ag : <http://www.nic.ag/prices.htm>

ag

com.ag

org.ag

net.ag
co.ag
nom.ag

// ai : <http://nic.com.ai/>

ai
off.ai
com.ai
net.ai
org.ai

// al : http://www.ert.gov.al/ert_alb/faq_det.html?Id=31

al
com.al
edu.al
gov.al
mil.al
net.al
org.al

// am : https://www.amnic.net/policy/en/Policy_EN.pdf

am
co.am
com.am
commune.am
net.am
org.am

// ao : <https://en.wikipedia.org/wiki/.ao>

// <http://www.dns.ao/REGISTR.DOC>

ao
ed.ao
gv.ao
og.ao
co.ao
pb.ao
it.ao

// aq : <https://en.wikipedia.org/wiki/.aq>

aq

// ar : <https://nic.ar/nic-argentina/normativa-vigente>

ar
com.ar
edu.ar
gob.ar
gov.ar
int.ar

mil.ar
musica.ar
net.ar
org.ar
tur.ar

// arpa : <https://en.wikipedia.org/wiki/.arpa>

//

Confirmed by registry <iana-questions@icann.org> 2008-06-18

arpa
e164.arpa
in-addr.arpa
ip6.arpa
iris.arpa
uri.arpa
urn.arpa

// as : <https://en.wikipedia.org/wiki/.as>

as
gov.as

// asia : <https://en.wikipedia.org/wiki/.asia>

asia

// at : <https://en.wikipedia.org/wiki/.at>

// Confirmed by registry <it@nic.at> 2008-06-17

at
ac.at
co.at
gv.at
or.at

// au : <https://en.wikipedia.org/wiki/.au>

// <http://www.auda.org.au/>

au
// 2LDs
com.au
net.au
org.au
edu.au
gov.au
asn.au
id.au

// Historic 2LDs (closed to new registration, but sites still exist)

info.au
conf.au
oz.au

// CGDNs - <http://www.cgdn.org.au/>

act.au
nsw.au
nt.au
qld.au
sa.au
tas.au
vic.au
wa.au
// 3LDs
act.edu.au
catholic.edu.au
eq.edu.au
nsw.edu.au
nt.edu.au
qld.edu.au
sa.edu.au
tas.edu.au
vic.edu.au
wa.edu.au
// act.gov.au Bug 984824 - Removed at request of Greg Tankard
// nsw.gov.au Bug 547985 - Removed at request of <Shae.Donelan@services.nsw.gov.au>
// nt.gov.au Bug 940478 - Removed at request of Greg Connors <Greg.Connors@nt.gov.au>
qld.gov.au
sa.gov.au
tas.gov.au
vic.gov.au
wa.gov.au
//
4LDs
education.tas.edu.au
schools.nsw.edu.au

// aw : <https://en.wikipedia.org/wiki/.aw>
aw
com.aw

// ax : <https://en.wikipedia.org/wiki/.ax>
ax

// az : <https://en.wikipedia.org/wiki/.az>
az
com.az
net.az
int.az
gov.az
org.az
edu.az
info.az

pp.az
mil.az
name.az
pro.az
biz.az

// ba : http://nic.ba/users_data/files/pravilnik_o_registraciji.pdf

ba
com.ba
edu.ba
gov.ba
mil.ba
net.ba
org.ba

// bb : <https://en.wikipedia.org/wiki/.bb>

bb
biz.bb
co.bb
com.bb
edu.bb
gov.bb
info.bb
net.bb
org.bb
store.bb
tv.bb

// bd : <https://en.wikipedia.org/wiki/.bd>

*.bd

// be : <https://en.wikipedia.org/wiki/.be>

// Confirmed by registry <tech@dns.be> 2008-06-08

be
ac.be

// bf : <https://en.wikipedia.org/wiki/.bf>

bf
gov.bf

// bg : <https://en.wikipedia.org/wiki/.bg>

// <https://www.register.bg/user/static/rules/en/index.html>

bg
a.bg
b.bg
c.bg
d.bg
e.bg

f.bg
g.bg
h.bg
i.bg
j.bg
k.bg
l.bg
m.bg
n.bg
o.bg
p.bg
q.bg
r.bg
s.bg
t.bg
u.bg
v.bg
w.bg
x.bg
y.bg
z.bg
0.bg
1.bg
2.bg
3.bg
4.bg
5.bg
6.bg
7.bg
8.bg
9.bg

//

bh : <https://en.wikipedia.org/wiki/.bh>

bh

com.bh

edu.bh

net.bh

org.bh

gov.bh

// bi : <https://en.wikipedia.org/wiki/.bi>

// <http://whois.nic.bi/>

bi

co.bi

com.bi

edu.bi

or.bi

org.bi

// biz : <https://en.wikipedia.org/wiki/.biz>

biz

// bj : <https://en.wikipedia.org/wiki/.bj>

bj

asso.bj

barreau.bj

gouv.bj

// bm : <http://www.bermudanic.bm/dnr-text.txt>

bm

com.bm

edu.bm

gov.bm

net.bm

org.bm

// bn : <http://www.bnnic.bn/faqs>

bn

com.bn

edu.bn

gov.bn

net.bn

org.bn

// bo : <https://nic.bo/delegacion2015.php#h-1.10>

bo

com.bo

edu.bo

gob.bo

int.bo

org.bo

net.bo

mil.bo

tv.bo

web.bo

// Social Domains

academia.bo

agro.bo

arte.bo

blog.bo

bolivia.bo

ciencia.bo

cooperativa.bo

democracia.bo

deporte.bo

ecologia.bo
economia.bo
empresa.bo
indigena.bo
industria.bo
info.bo
medicina.bo
movimiento.bo
musica.bo
natural.bo
nombre.bo
noticias.bo
patria.bo
politica.bo
profesional.bo
plurinacional.bo
pueblo.bo
revista.bo
salud.bo
tecnologia.bo
tksat.bo
transporte.bo
wiki.bo

//

br : <http://registro.br/dominio/categoria.html>
// Submitted by registry <fneves@registro.br>

br

9guacu.br

abc.br

adm.br

adv.br

agr.br

aju.br

am.br

anani.br

aparecida.br

arq.br

art.br

ato.br

b.br

barueri.br

belem.br

bhz.br

bio.br

blog.br

bmd.br

boavista.br

bsb.br
campinagrande.br
campinas.br
caxias.br
cim.br
cng.br
cnt.br
com.br
contagem.br
coop.br
cri.br
cuiaba.br
curitiba.br
def.br
ecn.br
eco.br
edu.br
emp.br
eng.br
esp.br
etc.br
eti.br
far.br
feira.br
flog.br
floripa.br
fm.br
fnd.br
fortal.br
fot.br
foz.br
fst.br
g12.br
ggf.br
goiania.br
gov.br
// gov.br 26 states + df https://en.wikipedia.org/wiki/States_of_Brazil
ac.gov.br
al.gov.br
am.gov.br
ap.gov.br
ba.gov.br
ce.gov.br
df.gov.br
es.gov.br
go.gov.br
ma.gov.br
mg.gov.br

ms.gov.br
mt.gov.br
pa.gov.br
pb.gov.br
pe.gov.br
pi.gov.br
pr.gov.br
rj.gov.br
rn.gov.br
ro.gov.br
rr.gov.br
rs.gov.br
sc.gov.br
se.gov.br
sp.gov.br
to.gov.br
gru.br
imb.br
ind.br
inf.br
jab.br
jampa.br
jdf.br
joinville.br
jor.br
jus.br
leg.br
lel.br
londrina.br
macapa.br
maceio.br
manaus.br
maringa.br
mat.br
med.br
mil.br
morena.br
mp.br
mus.br
natal.br
net.br
niteroi.br
*.nom.br
not.br
ntr.br
odo.br
ong.br
org.br

osasco.br
palmas.br
poa.br
ppg.br
pro.br
psc.br
psi.br
pvh.br
qsl.br
radio.br
rec.br
recife.br
ribeirao.br
rio.br
riobranco.br
riopreto.br
salvador.br
sampa.br
santamaria.br
santoandre.br
saobernardo.br
saogonca.br
sjc.br
slg.br
slz.br
sorocaba.br
srv.br
taxi.br
tc.br
teo.br
the.br
tmp.br
trd.br
tur.br
tv.br
udi.br
vet.br
vix.br
vlog.br
wiki.br
zlg.br

//

bs : <http://www.nic.bs/rules.html>

bs

com.bs

net.bs

org.bs

edu.bs

gov.bs

// bt : <https://en.wikipedia.org/wiki/.bt>

bt

com.bt

edu.bt

gov.bt

net.bt

org.bt

// bv : No registrations at this time.

// Submitted by registry <jarle@uninett.no>

bv

// bw : <https://en.wikipedia.org/wiki/.bw>

// <http://www.gobin.info/domainname/bw.doc>

// list of other 2nd level tlds ?

bw

co.bw

org.bw

// by : <https://en.wikipedia.org/wiki/.by>

// http://tld.by/rules_2006_en.html

//

list of other 2nd level tlds ?

by

gov.by

mil.by

// Official information does not indicate that com.by is a reserved

// second-level domain, but it's being used as one (see www.google.com.by and

// www.yahoo.com.by, for example), so we list it here for safety's sake.

com.by

// <http://hoster.by/>

of.by

// bz : <https://en.wikipedia.org/wiki/.bz>

// <http://www.belizenic.bz/>

bz

com.bz

net.bz

org.bz

edu.bz

gov.bz

// ca : <https://en.wikipedia.org/wiki/.ca>

ca

```
// ca geographical names
ab.ca
bc.ca
mb.ca
nb.ca
nf.ca
nl.ca
ns.ca
nt.ca
nu.ca
on.ca
pe.ca
qc.ca
sk.ca
yk.ca
// gc.ca: https://en.wikipedia.org/wiki/.gc.ca
// see also: http://registry.gc.ca/en/SubdomainFAQ
gc.ca

// cat : https://en.wikipedia.org/wiki/.cat
cat

// cc : https://en.wikipedia.org/wiki/.cc
cc

// cd : https://en.wikipedia.org/wiki/.cd
// see also: https://www.nic.cd/domain/insertDomain_2.jsp?act=1
cd
gov.cd

// cf : https://en.wikipedia.org/wiki/.cf
cf

// cg : https://en.wikipedia.org/wiki/.cg
cg

// ch : https://en.wikipedia.org/wiki/.ch
ch

//
ci : https://en.wikipedia.org/wiki/.ci
// http://www.nic.ci/index.php?page=charte
ci
org.ci
or.ci
com.ci
co.ci
edu.ci
```


ed.ci
ac.ci
net.ci
go.ci
asso.ci
aeroport.ci
int.ci
presse.ci
md.ci
gouv.ci

// ck : <https://en.wikipedia.org/wiki/.ck>
*.ck
!www.ck

// cl : <https://en.wikipedia.org/wiki/.cl>
cl
gov.cl
gob.cl
co.cl
mil.cl

// cm : <https://en.wikipedia.org/wiki/.cm> plus bug 981927
cm
co.cm
com.cm
gov.cm
net.cm

// cn : <https://en.wikipedia.org/wiki/.cn>
// Submitted by registry <tanyaling@cnnic.cn>

cn
ac.cn
com.cn
edu.cn
gov.cn
net.cn
org.cn
mil.cn
.cn
.cn
.cn

// cn geographic names

ah.cn
bj.cn
cq.cn
fj.cn
gd.cn

gs.cn
gz.cn
gx.cn
ha.cn
hb.cn
he.cn
hi.cn
hl.cn
hn.cn
jl.cn
js.cn
jx.cn
ln.cn
nm.cn
nx.cn
qh.cn
sc.cn
sd.cn
sh.cn
sn.cn
sx.cn
tj.cn
xj.cn
xz.cn
yn.cn
zj.cn
hk.cn
mo.cn
tw.cn

// co : <https://en.wikipedia.org/wiki/.co>
// Submitted by registry <tecnico@uniandes.edu.co>

co
arts.co
com.co
edu.co
firm.co
gov.co
info.co
int.co
mil.co
net.co
nom.co
org.co
rec.co
web.co

//

com : <https://en.wikipedia.org/wiki/.com>

com

// coop : <https://en.wikipedia.org/wiki/.coop>

coop

// cr : http://www.nic.cr/niccr_publico/showRegistroDominiosScreen.do

cr

ac.cr

co.cr

ed.cr

fi.cr

go.cr

or.cr

sa.cr

// cu : <https://en.wikipedia.org/wiki/.cu>

cu

com.cu

edu.cu

org.cu

net.cu

gov.cu

inf.cu

// cv : <https://en.wikipedia.org/wiki/.cv>

cv

// cw : http://www.una.cw/cw_registry/

// Confirmed by registry <registry@una.net> 2013-03-26

cw

com.cw

edu.cw

net.cw

org.cw

// cx : <https://en.wikipedia.org/wiki/.cx>

// list of other 2nd level tlds ?

cx

gov.cx

// cy : <http://www.nic.cy/>

// Submitted by registry Panayiotou Fotia <cydns@ucy.ac.cy>

cy

ac.cy

biz.cy

com.cy

ekloges.cy

gov.cy
ltd.cy
name.cy
net.cy
org.cy
parliament.cy
press.cy
pro.cy
tm.cy

// cz : <https://en.wikipedia.org/wiki/cz>
cz

// de : <https://en.wikipedia.org/wiki/de>
// Confirmed by registry <ops@denic.de> (with technical
// reservations) 2008-07-01
de

// dj : <https://en.wikipedia.org/wiki/dj>
dj

//
// dk : <https://en.wikipedia.org/wiki/dk>
// Confirmed by registry <robert@dk-hostmaster.dk> 2008-06-17
dk

// dm : <https://en.wikipedia.org/wiki/dm>
dm
com.dm
net.dm
org.dm
edu.dm
gov.dm

// do : <https://en.wikipedia.org/wiki/do>
do
art.do
com.do
edu.do
gob.do
gov.do
mil.do
net.do
org.do
sld.do
web.do

// dz : <https://en.wikipedia.org/wiki/dz>

dz
com.dz
org.dz
net.dz
gov.dz
edu.dz
asso.dz
pol.dz
art.dz

// ec : <http://www.nic.ec/reg/paso1.asp>
// Submitted by registry <vabboud@nic.ec>

ec
com.ec
info.ec
net.ec
fin.ec
k12.ec
med.ec
pro.ec
org.ec
edu.ec
gov.ec
gob.ec
mil.ec

// edu : <https://en.wikipedia.org/wiki/edu>
edu

// ee : http://www.eenet.ee/EENet/dom_reeglid.html#lisa_B

ee
edu.ee
gov.ee
riik.ee
lib.ee
med.ee
com.ee
pri.ee
aip.ee
org.ee
fie.ee

// eg : <https://en.wikipedia.org/wiki/eg>

eg
com.eg
edu.eg
eun.eg
gov.eg

mil.eg
name.eg
net.eg
org.eg
sci.eg

// er : <https://en.wikipedia.org/wiki/.er>
*.er

// es : https://www.nic.es/site_ingles/ingles/dominios/index.html
es
com.es
nom.es
org.es
gob.es
edu.es

//
et : <https://en.wikipedia.org/wiki/.et>
et
com.et
gov.et
org.et
edu.et
biz.et
name.et
info.et
net.et

// eu : <https://en.wikipedia.org/wiki/.eu>
eu

// fi : <https://en.wikipedia.org/wiki/.fi>
fi

// aland.fi : <https://en.wikipedia.org/wiki/.ax>
// This domain is being phased out in favor of .ax. As there are still many
// domains under aland.fi, we still keep it on the list until aland.fi is
// completely removed.
// TODO: Check for updates (expected to be phased out around Q1/2009)
aland.fi

// fj : <https://en.wikipedia.org/wiki/.fj>
*.fj

// fk : <https://en.wikipedia.org/wiki/.fk>
*.fk

// fm : <https://en.wikipedia.org/wiki/.fm>

fm

// fo : <https://en.wikipedia.org/wiki/.fo>

fo

// fr : <http://www.afnic.fr/>

// domaines descriptifs :

https://www.afnic.fr/medias/documents/Cadre_legal/Afnic_Naming_Policy_12122016_VEN.pdf

fr

asso.fr

com.fr

gouv.fr

nom.fr

prd.fr

tm.fr

// domaines sectoriels : <https://www.afnic.fr/en/products-and-services/the-fr-tld/sector-based-fr-domains-4.html>

aeroport.fr

avocat.fr

avoues.fr

cci.fr

chambagri.fr

chirurgiens-dentistes.fr

experts-comptables.fr

geometre-expert.fr

greta.fr

huissier-justice.fr

medecin.fr

notaires.fr

pharmacien.fr

port.fr

veterinaire.fr

//

ga : <https://en.wikipedia.org/wiki/.ga>

ga

// gb : This registry is effectively dormant

// Submitted by registry <Damien.Shaw@ja.net>

gb

// gd : <https://en.wikipedia.org/wiki/.gd>

gd

// ge : http://www.nic.net.ge/policy_en.pdf

ge

com.ge

edu.ge

gov.ge

org.ge
mil.ge
net.ge
pvt.ge

// gf : <https://en.wikipedia.org/wiki/.gf>
gf

// gg : <http://www.channelisles.net/register-domains/>
// Confirmed by registry <nigel@channelisles.net> 2013-11-28
gg
co.gg
net.gg
org.gg

// gh : <https://en.wikipedia.org/wiki/.gh>
// see also: http://www.nic.gh/reg_now.php
// Although domains directly at second level are not possible at the moment,
// they have been possible for some time and may come back.
gh
com.gh
edu.gh
gov.gh
org.gh
mil.gh

// gi : <http://www.nic.gi/rules.html>
gi
com.gi
ltd.gi
gov.gi
mod.gi
edu.gi
org.gi

//
gl : <https://en.wikipedia.org/wiki/.gl>
// <http://nic.gl>
gl
co.gl
com.gl
edu.gl
net.gl
org.gl

// gm : <http://www.nic.gm/htmlpages%5Cgm-policy.htm>
gm

// gn : <http://psg.com/dns/gn/gn.txt>
// Submitted by registry <randy@psg.com>
gn
ac.gn
com.gn
edu.gn
gov.gn
org.gn
net.gn

// gov : <https://en.wikipedia.org/wiki/.gov>
gov

// gp : <http://www.nic.gp/index.php?lang=en>
gp
com.gp
net.gp
mobi.gp
edu.gp
org.gp
asso.gp

// gq : <https://en.wikipedia.org/wiki/.gq>
gq

// gr : <https://grweb.ics.forth.gr/english/1617-B-2005.html>
// Submitted by registry <segred@ics.forth.gr>
gr
com.gr
edu.gr
net.gr
org.gr
gov.gr

// gs : <https://en.wikipedia.org/wiki/.gs>
gs

// gt : http://www.gt/politicas_de_registro.html
gt
com.gt
edu.gt
gob.gt
ind.gt
mil.gt
net.gt
org.gt

// gu : <http://gadao.gov.gu/register.html>

// University of Guam : <https://www.uog.edu>

// Submitted by uognoc@triton.uog.edu

gu

com.gu

edu.gu

gov.gu

guam.gu

info.gu

net.gu

org.gu

web.gu

// gw : <https://en.wikipedia.org/wiki/.gw>

gw

//

gy : <https://en.wikipedia.org/wiki/.gy>

// <http://registry.gy/>

gy

co.gy

com.gy

edu.gy

gov.gy

net.gy

org.gy

// hk : <https://www.hkirc.hk>

// Submitted by registry <hk.tech@hkirc.hk>

hk

com.hk

edu.hk

gov.hk

idv.hk

net.hk

org.hk

.hk

.hk

.hk

.hk

.hk

.hk

.hk

.hk

.hk

.hk

.hk

.hk

.hk

.hk

.hk

// hm : <https://en.wikipedia.org/wiki/.hm>

hm

// hn : <http://www.nic.hn/politicas/ps02,,05.html>

hn

com.hn

edu.hn

org.hn

net.hn

mil.hn

gob.hn

// hr : <http://www.dns.hr/documents/pdf/HRTLD-regulations.pdf>

hr

iz.hr

from.hr

name.hr

com.hr

// ht : <http://www.nic.ht/info/charte.cfm>

ht

com.ht

shop.ht

firm.ht

info.ht

adult.ht

net.ht

pro.ht

org.ht

med.ht

art.ht

coop.ht

pol.ht

asso.ht

edu.ht

rel.ht

gouv.ht

perso.ht

// hu : <http://www.domain.hu/domain/English/sld.html>

// Confirmed by registry <pasztor@iszt.hu> 2008-06-12

hu

co.hu

info.hu

org.hu

priv.hu
sport.hu
tm.hu
2000.hu
agrar.hu
bolt.hu
casino.hu
city.hu
erotica.hu
erotika.hu
film.hu
forum.hu
games.hu
hotel.hu
ingatlan.hu
jogasz.hu
konyvelo.hu
lakas.hu
media.hu
news.hu
reklam.hu
sex.hu
shop.hu
suli.hu
szex.hu
tozsde.hu
utazas.hu
video.hu

//
id : <https://pandi.id/en/domain/registration-requirements/>

id
ac.id
biz.id
co.id
desa.id
go.id
mil.id
my.id
net.id
or.id
ponpes.id
sch.id
web.id

// ie : <https://en.wikipedia.org/wiki/.ie>
ie
gov.ie

// il : <http://www.isoc.org.il/domains/>

il

ac.il

co.il

gov.il

idf.il

k12.il

muni.il

net.il

org.il

// im : <https://www.nic.im/>

// Submitted by registry <info@nic.im>

im

ac.im

co.im

com.im

ltd.co.im

net.im

org.im

plc.co.im

tt.im

tv.im

// in : <https://en.wikipedia.org/wiki/.in>

// see also: <https://registry.in/Policies>

// Please note, that nic.in is not an official eTLD, but used by most

// government institutions.

in

co.in

firm.in

net.in

org.in

gen.in

ind.in

nic.in

ac.in

edu.in

res.in

gov.in

mil.in

// info : <https://en.wikipedia.org/wiki/.info>

info

// int : <https://en.wikipedia.org/wiki/.int>

//

Confirmed by registry <iana-questions@icann.org> 2008-06-18

int
eu.int

// io : <http://www.nic.io/rules.html>
// list of other 2nd level tlds ?
io
com.io

// iq : <http://www.cmc.iq/english/iq/iqregister1.htm>
iq
gov.iq
edu.iq
mil.iq
com.iq
org.iq
net.iq

// ir : http://www.nic.ir/Terms_and_Conditions_ir,_Appendix_1_Domain_Rules
// Also see http://www.nic.ir/Internationalized_Domain_Names
// Two <iran>.ir entries added at request of <tech-team@nic.ir>, 2010-04-16
ir
ac.ir
co.ir
gov.ir
id.ir
net.ir
org.ir
sch.ir
// xn--mgb3a4f16a.ir (<iran>.ir, Persian YEH)
.ir
// xn--mgb3a4fra.ir (<iran>.ir, Arabic YEH)
.ir

// is : <http://www.isnic.is/domain/rules.php>
// Confirmed by registry <marius@isgate.is> 2008-12-06
is
net.is
com.is
edu.is
gov.is
org.is
int.is

// it : <https://en.wikipedia.org/wiki/.it>
it
gov.it
edu.it

```
// Reserved geo-names (regions and provinces):
// http://www.nic.it/sites/default/files/docs/Regulation_assignment_v7.1.pdf
// Regions
abr.it
abruzzo.it
aosta-valley.it
aostavalley.it
bas.it
basilicata.it
cal.it
calabria.it
cam.it
campania.it
emilia-romagna.it
emiliaromagna.it
emr.it
friuli-v-giulia.it
friuli-ve-giulia.it
friuli-vegiulia.it
friuli-veneziam-giulia.it
friuli-veneziagiulia.it
friuli-vgiulia.it
friuliv-giulia.it
friulive-giulia.it
friulivegiulia.it
friuliveneziam-giulia.it
friuliveneziagiulia.it
friulivgiulia.it
fvg.it
laz.it
lazio.it
lig.it
liguria.it
lom.it
lombardia.it
lombardy.it
lucania.it
mar.it
marche.it
mol.it
molise.it
piedmont.it
piemonte.it
pmn.it
pug.it
puglia.it
sar.it
sardegna.it
```

sardinia.it
sic.it
sicilia.it
sicily.it
taa.it
tos.it
toscana.it
trentin-sud-tirol.it
trentin-sd-tirol.it
trentin-sudtirol.it
trentin-sdtirol.it
trentin-sued-tirol.it
trentin-suedtirol.it
trentino-a-adige.it
trentino-aadige.it
trentino-alto-adige.it
trentino-altoadige.it
trentino-s-tirol.it
trentino-stirol.it
trentino-sud-tirol.it
trentino-sd-tirol.it
trentino-sudtirol.it
trentino-sdtirol.it
trentino-sued-tirol.it
trentino-suedtirol.it
trentino.it
trentinoa-adige.it
trentinoaadige.it
trentinoalto-adige.it
trentinoaltoadige.it
trentinos-tirol.it
trentinostirol.it
trentinosud-tirol.it
trentinosd-tirol.it
trentinosudtirol.it
trentinosdtirol.it
trentinosued-tirol.it
trentinosuedtirol.it
trentinsud-tirol.it
trentinsd-tirol.it
trentinsudtirol.it
trentinsdtirol.it
trentinsued-tirol.it
trentinsuedtirol.it
tuscany.it
umb.it
umbria.it
val-d-aosta.it

val-daosta.it
vald-aosta.it
valdaosta.it
valle-aosta.it
valle-d-aosta.it
valle-daosta.it
valleaosta.it
valled-aosta.it
valledaosta.it
vallee-aoste.it
valle-aoste.it
vallee-d-aoste.it
valle-d-aoste.it
valleeaoste.it
valleaoste.it
valleedaoste.it
valledaoste.it
vao.it
vda.it
ven.it
veneto.it
//
Provinces
ag.it
agrigento.it
al.it
alessandria.it
alto-adige.it
altoadige.it
an.it
ancona.it
andria-barletta-trani.it
andria-trani-barletta.it
andriabarlettatrani.it
andriatranibarletta.it
ao.it
aosta.it
aoste.it
ap.it
aq.it
aquila.it
ar.it
arezzo.it
ascoli-piceno.it
ascolipiceno.it
asti.it
at.it
av.it

avellino.it
ba.it
balsan-sudtirol.it
balsan-sdtirol.it
balsan-suedtirol.it
balsan.it
bari.it
barletta-trani-andria.it
barlettatraniandria.it
belluno.it
benevento.it
bergamo.it
bg.it
bi.it
biella.it
bl.it
bn.it
bo.it
bologna.it
bolzano-altoadige.it
bolzano.it
bozen-sudtirol.it
bozen-sdtirol.it
bozen-suedtirol.it
bozen.it
br.it
brescia.it
brindisi.it
bs.it
bt.it
bulsan-sudtirol.it
bulsan-sdtirol.it
bulsan-suedtirol.it
bulsan.it
bz.it
ca.it
cagliari.it
caltanissetta.it
campidano-medio.it
campidanomedio.it
campobasso.it
carbonia-iglesias.it
carboniaiglesias.it
carrara-massa.it
carraramassa.it
caserta.it
catania.it
catanzaro.it

cb.it
ce.it
cesena-forli.it
cesena-forl.it
cesenaforli.it
cesenaforl.it
ch.it
chieti.it
ci.it
cl.it
cn.it
co.it
como.it
cosenza.it
cr.it
cremona.it
crotone.it
cs.it
ct.it
cuneo.it
cz.it
dell-ogliastra.it
dellogliastra.it
en.it
enna.it
fc.it
fe.it
fermo.it
ferrara.it
fg.it
fi.it
firenze.it
florence.it
fm.it
foggia.it
forli-cesena.it
forl-cesena.it
forlicesena.it
forlcesena.it
fr.it
frosinone.it
ge.it
genoa.it
genova.it
go.it
gorizia.it
gr.it
grosseto.it

iglesias-carbonia.it
iglesiascarbonia.it
im.it
imperia.it
is.it
isernia.it
kr.it
la-spezia.it
laquila.it
laspezia.it
latina.it
lc.it
le.it
lecce.it
lecco.it
li.it
livorno.it
lo.it
lodi.it
lt.it
lu.it
lucca.it
macerata.it
mantova.it
massa-carrara.it
massacarrara.it
matera.it
mb.it
mc.it
me.it
medio-campidano.it
mediocampidano.it
messina.it
mi.it
milan.it
milano.it
mn.it
mo.it
modena.it
monza-brianza.it
monza-e-della-brianza.it
monza.it
monzabrianza.it
monzaebrianza.it
monzaedellabrianza.it
ms.it
mt.it
na.it

naples.it
napoli.it
no.it
novara.it
nu.it
nuoro.it
og.it
ogliastra.it
olbia-tempio.it
olbiatempio.it
or.it
oristano.it
ot.it
pa.it
padova.it
padua.it
palermo.it
parma.it
pavia.it
pc.it
pd.it
pe.it
perugia.it
pesaro-urbino.it
pesarourbino.it
pescara.it
pg.it
pi.it
piacenza.it
pisa.it
pistoia.it
pn.it
po.it
pordenone.it
potenza.it
pr.it
prato.it
pt.it
pu.it
pv.it
pz.it
ra.it
ragusa.it
ravenna.it
rc.it
re.it
reggio-calabria.it
reggio-emilia.it

reggiocalabria.it
reggioemilia.it
rg.it
ri.it
rieti.it
rimini.it
rm.it
rn.it
ro.it
roma.it
rome.it
rovigo.it
sa.it
salerno.it
sassari.it
savona.it
si.it
siena.it
siracusa.it
so.it
sondrio.it
sp.it
sr.it
ss.it
suedtirol.it
sdtirol.it
sv.it
ta.it
taranto.it
te.it
tempio-olbia.it
tempioolbia.it
teramo.it
terni.it
tn.it
to.it
torino.it
tp.it
tr.it
trani-andria-barletta.it
trani-barletta-andria.it
traniandriabarletta.it
tranibarlettaandria.it
trapani.it
trento.it
treviso.it
trieste.it
ts.it

turin.it
tv.it
ud.it
udine.it
urbino-pesaro.it
urbinopesaro.it
va.it
varese.it
vb.it
vc.it
ve.it
venezia.it
venice.it
verbania.it
vercelli.it
verona.it
vi.it
vibo-valentia.it
vibovalentia.it
vicenza.it
viterbo.it
vr.it
vs.it
vt.it
vv.it

//

je : <http://www.channelisles.net/register-domains/>
// Confirmed by registry <nigel@channelisles.net> 2013-11-28

je
co.je
net.je
org.je

// jm : <http://www.com.jm/register.html>
*.jm

//

jo : http://www.dns.jo/Registration_policy.aspx
jo
com.jo
org.jo
net.jo
edu.jo
sch.jo
gov.jo
mil.jo
name.jo

// jobs : <https://en.wikipedia.org/wiki/.jobs>

.jobs

// jp : <https://en.wikipedia.org/wiki/.jp>

// <http://jprs.co.jp/en/jpdomain.html>

// Submitted by registry <info@jprs.jp>

.jp

// jp organizational type names

ac.jp

ad.jp

co.jp

ed.jp

go.jp

gr.jp

lg.jp

ne.jp

or.jp

// jp prefecture type names

aichi.jp

akita.jp

aomori.jp

chiba.jp

ehime.jp

fukui.jp

fukuoka.jp

fukushima.jp

gifu.jp

gunma.jp

hiroshima.jp

hokkaido.jp

hyogo.jp

ibaraki.jp

ishikawa.jp

iwate.jp

kagawa.jp

kagoshima.jp

kanagawa.jp

kochi.jp

kumamoto.jp

kyoto.jp

mie.jp

miyagi.jp

miyazaki.jp

nagano.jp

nagasaki.jp

nara.jp

niigata.jp

.jp
.jp
.jp
.jp
.jp
.jp
.jp
.jp
.jp
.jp
.jp
.jp
.jp
.jp
.jp
.jp
.jp
//
jp geographic type names
// <http://jprs.jp/doc/rule/saisoku-1.html>
*.kawasaki.jp
*.kitakyushu.jp
*.kobe.jp
*.nagoya.jp
*.sapporo.jp
*.sendai.jp
*.yokohama.jp
!city.kawasaki.jp
!city.kitakyushu.jp
!city.kobe.jp
!city.nagoya.jp
!city.sapporo.jp
!city.sendai.jp
!city.yokohama.jp
// 4th level registration
aisai.aichi.jp
ama.aichi.jp
anjo.aichi.jp
asuke.aichi.jp
chiryu.aichi.jp
chita.aichi.jp
fuso.aichi.jp
gamagori.aichi.jp
handa.aichi.jp
hazu.aichi.jp
hekinan.aichi.jp
higashiura.aichi.jp
ichinomiya.aichi.jp

inazawa.aichi.jp
inuyama.aichi.jp
isshiki.aichi.jp
iwakura.aichi.jp
kanie.aichi.jp
kariya.aichi.jp
kasugai.aichi.jp
kira.aichi.jp
kiyosu.aichi.jp
komaki.aichi.jp
konan.aichi.jp
kota.aichi.jp
mihama.aichi.jp
miyoshi.aichi.jp
nishio.aichi.jp
nisshin.aichi.jp
obu.aichi.jp
oguchi.aichi.jp
oharu.aichi.jp
okazaki.aichi.jp
owariasahi.aichi.jp
seto.aichi.jp
shikatsu.aichi.jp
shinshiro.aichi.jp
shitara.aichi.jp
tahara.aichi.jp
takahama.aichi.jp
tobishima.aichi.jp
toei.aichi.jp
togo.aichi.jp
tokai.aichi.jp
tokoname.aichi.jp
toyoake.aichi.jp
toyohashi.aichi.jp
toyokawa.aichi.jp
toyone.aichi.jp
toyota.aichi.jp
tsushima.aichi.jp
yatomi.aichi.jp
akita.akita.jp
daisen.akita.jp
fujisato.akita.jp
gojome.akita.jp
hachirogata.akita.jp
happou.akita.jp
higashinaruse.akita.jp
honjo.akita.jp
honjyo.akita.jp

ikawa.akita.jp
kamikoani.akita.jp
kamioka.akita.jp
katagami.akita.jp
kazuno.akita.jp
kitaakita.akita.jp
kosaka.akita.jp
kyowa.akita.jp
misato.akita.jp
mitane.akita.jp
moriyoshi.akita.jp
nikaho.akita.jp
noshiro.akita.jp
odate.akita.jp
oga.akita.jp
ogata.akita.jp
semboku.akita.jp
yokote.akita.jp
yurihonjo.akita.jp
aomori.aomori.jp
gonohe.aomori.jp
hachinohe.aomori.jp
hashikami.aomori.jp
hiranai.aomori.jp
hirosaki.aomori.jp
itayanagi.aomori.jp
kuroishi.aomori.jp
misawa.aomori.jp
mutsu.aomori.jp
nakadomari.aomori.jp
noheji.aomori.jp
oirase.aomori.jp
owani.aomori.jp
rokunohe.aomori.jp
sannohe.aomori.jp
shichinohe.aomori.jp
shingo.aomori.jp
takko.aomori.jp
towada.aomori.jp
tsugaru.aomori.jp
tsuruta.aomori.jp
abiko.chiba.jp
asahi.chiba.jp
chonnan.chiba.jp
chosei.chiba.jp
choshi.chiba.jp
chuo.chiba.jp
funabashi.chiba.jp

futtsu.chiba.jp
hanamigawa.chiba.jp
ichihara.chiba.jp
ichikawa.chiba.jp
ichinomiya.chiba.jp
inzai.chiba.jp
isumi.chiba.jp
kamagaya.chiba.jp
kamogawa.chiba.jp
kashiwa.chiba.jp
katori.chiba.jp
katsuura.chiba.jp
kimitsu.chiba.jp
kisarazu.chiba.jp
kozaki.chiba.jp
kujukuri.chiba.jp
kyonan.chiba.jp
matsudo.chiba.jp
midori.chiba.jp
mihama.chiba.jp
minamiboso.chiba.jp
mobara.chiba.jp
mutsuzawa.chiba.jp
nagara.chiba.jp
nagareyama.chiba.jp
narashino.chiba.jp
narita.chiba.jp
noda.chiba.jp
oamishirasato.chiba.jp
omigawa.chiba.jp
onjuku.chiba.jp
otaki.chiba.jp
sakae.chiba.jp
sakura.chiba.jp
shimofusa.chiba.jp
shirako.chiba.jp
shiroi.chiba.jp
shisui.chiba.jp
sodegaura.chiba.jp
sosa.chiba.jp
tako.chiba.jp
tateyama.chiba.jp
togane.chiba.jp
tohnosho.chiba.jp
tomisato.chiba.jp
urayasu.chiba.jp
yachimata.chiba.jp
yachiyo.chiba.jp

yokaichiba.chiba.jp
yokoshibahikari.chiba.jp
yotsukaido.chiba.jp
ainan.ehime.jp
honai.ehime.jp
ikata.ehime.jp
imabari.ehime.jp
iyo.ehime.jp
kamijima.ehime.jp
kihoku.ehime.jp
kumakogen.ehime.jp
masaki.ehime.jp
matsuno.ehime.jp
matsuyama.ehime.jp
namikata.ehime.jp
niihama.ehime.jp
ozu.ehime.jp
saijo.ehime.jp
seiyo.ehime.jp
shikokuchuo.ehime.jp
tobe.ehime.jp
toon.ehime.jp
uchiko.ehime.jp
uwajima.ehime.jp
yawatahama.ehime.jp
echizen.fukui.jp
eiheiji.fukui.jp
fukui.fukui.jp
ikedada.fukui.jp
katsuyama.fukui.jp
mihama.fukui.jp
minamiechizen.fukui.jp
obama.fukui.jp
ohi.fukui.jp
ono.fukui.jp
sabae.fukui.jp
sakai.fukui.jp
takahama.fukui.jp
tsuruga.fukui.jp
wakasa.fukui.jp
ashiya.fukuoka.jp
buzen.fukuoka.jp
chikugo.fukuoka.jp
chikuho.fukuoka.jp
chikujo.fukuoka.jp
chikushino.fukuoka.jp
chikuzen.fukuoka.jp
chuo.fukuoka.jp

dazaifu.fukuoka.jp
fukuchi.fukuoka.jp
hakata.fukuoka.jp
higashi.fukuoka.jp
hirokawa.fukuoka.jp
hisayama.fukuoka.jp
iizuka.fukuoka.jp
inatsuki.fukuoka.jp
kaho.fukuoka.jp
kasuga.fukuoka.jp
kasuya.fukuoka.jp
kawara.fukuoka.jp
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ke : <http://www.kenic.or.ke/index.php/en/ke-domains/ke-domains>

ke

ac.ke

co.ke

go.ke

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me.ke

mobi.ke

ne.ke

or.ke

sc.ke

// kg : http://www.domain.kg/dmn_n.html

kg

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net.kg

com.kg

edu.kg

gov.kg

mil.kg

// kh : http://www.mptc.gov.kh/dns_registration.htm

*.kh

// ki : <http://www.ki/dns/index.html>

ki

edu.ki

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com.ki

// km : <https://en.wikipedia.org/wiki/.km>

// <http://www.domaine.km/documents/charte.doc>

km

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// These are only mentioned as proposed suggestions at [domaine.km](http://www.domaine.km), but

// <https://en.wikipedia.org/wiki/.km> says they're available for registration:

coop.km

asso.km

presse.km

medecin.km

notaires.km

pharmaciens.km

veterinaire.km

gouv.km

// kn : <https://en.wikipedia.org/wiki/.kn>

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<http://www.dot.kn/domainRules.html>

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// kp : http://www.kcce.kp/en_index.php

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// kr : <https://en.wikipedia.org/wiki/.kr>

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or.kr
pe.kr
re.kr
sc.kr

// kr geographical names

busan.kr
chungbuk.kr
chungnam.kr
daegu.kr
daejeon.kr
gangwon.kr
gwangju.kr
gyeongbuk.kr
gyeonggi.kr
gyeongnam.kr
incheon.kr
jeju.kr
jeonbuk.kr
jeonnam.kr
seoul.kr
ulsan.kr

// kw : <https://www.nic.kw/policies/>

// Confirmed by registry <nic.tech@citra.gov.kw>

kw
com.kw
edu.kw

emb.kw
gov.kw
ind.kw
net.kw
org.kw

// ky : http://www.icta.ky/da_ky_reg_dom.php
// Confirmed by registry <kysupport@perimeterusa.com> 2008-06-17

ky
edu.ky
gov.ky
com.ky
org.ky
net.ky

// kz : <https://en.wikipedia.org/wiki/.kz>
// see also: <http://www.nic.kz/rules/index.jsp>

kz
org.kz
edu.kz
net.kz
gov.kz
mil.kz
com.kz

// la : <https://en.wikipedia.org/wiki/.la>
//
Submitted by registry <gavin.brown@nic.la>

la
int.la
net.la
info.la
edu.la
gov.la
per.la
com.la
org.la

// lb : <https://en.wikipedia.org/wiki/.lb>
// Submitted by registry <randy@psg.com>

lb
com.lb
edu.lb
gov.lb
net.lb
org.lb

// lc : <https://en.wikipedia.org/wiki/.lc>

// see also: <http://www.nic.lc/rules.htm>

lc
com.lc
net.lc
co.lc
org.lc
edu.lc
gov.lc

// li : <https://en.wikipedia.org/wiki/.li>

li

// lk : <http://www.nic.lk/seclevpr.html>

lk
gov.lk
sch.lk
net.lk
int.lk
com.lk
org.lk
edu.lk
ngo.lk
soc.lk
web.lk
ltd.lk
assn.lk
grp.lk
hotel.lk
ac.lk

// lr : <http://psg.com/dns/lr/lr.txt>

// Submitted by registry <randy@psg.com>

lr
com.lr
edu.lr
gov.lr
org.lr
net.lr

// ls : <http://www.nic.ls/>

// Confirmed by registry <lsadmin@nic.ls>

ls
ac.ls
biz.ls
co.ls
edu.ls
gov.ls
info.ls

net.ls

org.ls

sc.ls

// It : <https://en.wikipedia.org/wiki/.lt>

lt

// gov.lt : http://www.gov.lt/index_en.php

gov.lt

// lu : <http://www.dns.lu/en/>

lu

// lv : <http://www.nic.lv/DNS/En/generic.php>

lv

com.lv

edu.lv

gov.lv

org.lv

mil.lv

id.lv

net.lv

asn.lv

conf.lv

//

ly : <http://www.nic.ly/regulations.php>

ly

com.ly

net.ly

gov.ly

plc.ly

edu.ly

sch.ly

med.ly

org.ly

id.ly

// ma : <https://en.wikipedia.org/wiki/.ma>

// http://www.anrt.ma/fr/admin/download/upload/file_fr782.pdf

ma

co.ma

net.ma

gov.ma

org.ma

ac.ma

press.ma

// mc : <http://www.nic.mc/>

mc
tm.mc
asso.mc

// md : <https://en.wikipedia.org/wiki/.md>
md

// me : <https://en.wikipedia.org/wiki/.me>
me
co.me
net.me
org.me
edu.me
ac.me
gov.me
its.me
priv.me

// mg : http://nic.mg/nicmg/?page_id=39
mg
org.mg
nom.mg
gov.mg
prd.mg
tm.mg
edu.mg
mil.mg
com.mg
co.mg

// mh : <https://en.wikipedia.org/wiki/.mh>
mh

// mil : <https://en.wikipedia.org/wiki/.mil>
mil

// mk : <https://en.wikipedia.org/wiki/.mk>
// see also: <http://dns.marnet.net.mk/postapka.php>
mk
com.mk
org.mk
net.mk
edu.mk
gov.mk
inf.mk
name.mk

// ml : <http://www.gobin.info/domainname/ml-template.doc>

// see also: <https://en.wikipedia.org/wiki/.ml>

ml
com.ml
edu.ml
gouv.ml
gov.ml
net.ml
org.ml
presse.ml

//

mm : <https://en.wikipedia.org/wiki/.mm>
*.mm

// mn : <https://en.wikipedia.org/wiki/.mn>

mn
gov.mn
edu.mn
org.mn

// mo : <http://www.monic.net.mo/>

mo
com.mo
net.mo
org.mo
edu.mo
gov.mo

// mobi : <https://en.wikipedia.org/wiki/.mobi>
mobi

// mp : <http://www.dot.mp/>

// Confirmed by registry <dcamacho@saipan.com> 2008-06-17

mp

// mq : <https://en.wikipedia.org/wiki/.mq>

mq

// mr : <https://en.wikipedia.org/wiki/.mr>

mr
gov.mr

// ms : http://www.nic.ms/pdf/MS_Domain_Name_Rules.pdf

ms
com.ms
edu.ms
gov.ms
net.ms

org.ms

// mt : <https://www.nic.org.mt/go/policy>

// Submitted by registry <help@nic.org.mt>

mt

com.mt

edu.mt

net.mt

org.mt

// mu : <https://en.wikipedia.org/wiki/.mu>

mu

com.mu

net.mu

org.mu

gov.mu

ac.mu

co.mu

or.mu

// museum : <http://about.museum/naming/>

// <http://index.museum/>

museum

academy.museum

agriculture.museum

air.museum

airguard.museum

alabama.museum

alaska.museum

amber.museum

ambulance.museum

american.museum

americana.museum

americanantiques.museum

americanart.museum

amsterdam.museum

and.museum

annefrank.museum

anthro.museum

anthropology.museum

antiques.museum

aquarium.museum

arboretum.museum

archaeological.museum

archaeology.museum

architecture.museum

art.museum

artanddesign.museum

artcenter.museum
artdeco.museum
arteducation.museum
artgallery.museum
arts.museum
artsandcrafts.museum
asmatart.museum
assassination.museum
assisi.museum
association.museum
astronomy.museum
atlanta.museum
austin.museum
australia.museum
automotive.museum
aviation.museum
axis.museum
badajoz.museum
baghdad.museum
bahn.museum
bale.museum
baltimore.museum
barcelona.museum
baseball.museum
basel.museum
baths.museum
bauern.museum
beauxarts.museum
beeldengeluid.museum
bellevue.museum
bergbau.museum
berkeley.museum
berlin.museum
bern.museum
bible.museum
bilbao.museum
bill.museum
birdart.museum
birthplace.museum
bonn.museum
boston.museum
botanical.museum
botanicalgarden.museum
botanicgarden.museum
botany.museum
brandywinevalley.museum
brasil.museum
bristol.museum

british.museum
britishcolumbia.museum
broadcast.museum
brunel.museum
brussel.museum
brussels.museum
bruxelles.museum
building.museum
burghof.museum
bus.museum
bushey.museum
cadaques.museum
california.museum
cambridge.museum
can.museum
canada.museum
capebreton.museum
carrier.museum
cartoonart.museum
casadelamoneda.museum
castle.museum
castres.museum
celtic.museum
center.museum
chattanooga.museum
cheltenham.museum
chesapeakebay.museum
chicago.museum
children.museum
childrens.museum
childrensgarden.museum
chiropractic.museum
chocolate.museum
christiansburg.museum
cincinnati.museum
cinema.museum
circus.museum
civilisation.museum
civilization.museum
civilwar.museum
clinton.museum
clock.museum
coal.museum
coastaldefence.museum
cody.museum
coldwar.museum
collection.museum
colonialwilliamsburg.museum

coloradoplateau.museum
columbia.museum
columbus.museum
communication.museum
communications.museum
community.museum
computer.museum
computerhistory.museum
comunicaes.museum
contemporary.museum
contemporaryart.museum
convent.museum
copenhagen.museum
corporation.museum
correios-e-telecomunicaes.museum
corvette.museum
costume.museum
countryestate.museum
county.museum
crafts.museum
cranbrook.museum
creation.museum
cultural.museum
culturalcenter.museum
culture.museum
cyber.museum
cymru.museum
dali.museum
dallas.museum
database.museum
ddr.museum
decorativearts.museum
delaware.museum
delmenhorst.museum
denmark.museum
depot.museum
design.museum
detroit.museum
dinosaur.museum
discovery.museum
dolls.museum
donostia.museum
durham.museum
eastafrica.museum
eastcoast.museum
education.museum
educational.museum
egyptian.museum

eisenbahn.museum
elburg.museum
elvendrell.museum
embroidery.museum
encyclopedic.museum
england.museum
entomology.museum
environment.museum
environmentalconservation.museum
epilepsy.museum
essex.museum
estate.museum
ethnology.museum
exeter.museum
exhibition.museum
family.museum
farm.museum
farmequipment.museum
farmers.museum
farmstead.museum
field.museum
figueres.museum
filatelia.museum
film.museum
fineart.museum
finearts.museum
finland.museum
flanders.museum
florida.museum
force.museum
fortmissoula.museum
fortworth.museum
foundation.museum
francaise.museum
frankfurt.museum
franziskaner.museum
freemasonry.museum
freiburg.museum
fribourg.museum
frog.museum
fundacio.museum
furniture.museum
gallery.museum
garden.museum
gateway.museum
geelvinck.museum
gemological.museum
geology.museum

georgia.museum
giessen.museum
glas.museum
glass.museum
gorge.museum
grandrapids.museum
graz.museum
guernsey.museum
halloffame.museum
hamburg.museum
handson.museum
harvestcelebration.museum
hawaii.museum
health.museum
heimatunduhren.museum
hellas.museum
helsinki.museum
hembygdsforbund.museum
heritage.museum
histoire.museum
historical.museum
historicalsociety.museum
historichouses.museum
historisch.museum
historisches.museum
history.museum
historyofscience.museum
horology.museum
house.museum
humanities.museum
illustration.museum
imageandsound.museum
indian.museum
indiana.museum
indianapolis.museum
indianmarket.museum
intelligence.museum
interactive.museum
iraq.museum
iron.museum
isleofman.museum
jamison.museum
jefferson.museum
jerusalem.museum
jewelry.museum
jewish.museum
jewishart.museum
jfk.museum

journalism.museum
judaica.museum
judygarland.museum
juedisches.museum
juif.museum
karate.museum
karikatur.museum
kids.museum
koebenhavn.museum
koeln.museum
kunst.museum
kunstsammlung.museum
kunstunddesign.museum
labor.museum
labour.museum
lajolla.museum
lancashire.museum
landes.museum
lans.museum
lns.museum
larsson.museum
lewismiller.museum
lincoln.museum
linz.museum
living.museum
livinghistory.museum
localhistory.museum
london.museum
losangeles.museum
louvre.museum
loyalist.museum
lucerne.museum
luxembourg.museum
luzern.museum
mad.museum
madrid.museum
mallorca.museum
manchester.museum
mansion.museum
mansions.museum
manx.museum
marburg.museum
maritime.museum
maritimo.museum
maryland.museum
marylhurst.museum
media.museum
medical.museum

medizinhistorisches.museum
meeres.museum
memorial.museum
mesaverde.museum
michigan.museum
midatlantic.museum
military.museum
mill.museum
miners.museum
mining.museum
minnesota.museum
missile.museum
missoula.museum
modern.museum
moma.museum
money.museum
monmouth.museum
monticello.museum
montreal.museum
moscow.museum
motorcycle.museum
muenchen.museum
muenster.museum
mulhouse.museum
muncie.museum
museet.museum
museumcenter.museum
museumvereniging.museum
music.museum
national.museum
nationalfirearms.museum
nationalheritage.museum
nativeamerican.museum
naturalhistory.museum
naturalhistorymuseum.museum
naturalsciences.museum
nature.museum
naturhistorisches.museum
natuurwetenschappen.museum
naumburg.museum
naval.museum
nebraska.museum
neues.museum
newhampshire.museum
newjersey.museum
newmexico.museum
newport.museum
newspaper.museum

newyork.museum
niepce.museum
norfolk.museum
north.museum
nrw.museum
nyc.museum
nyny.museum
oceanographic.museum
oceanographique.museum
omaha.museum
online.museum
ontario.museum
openair.museum
oregon.museum
oregontrail.museum
otago.museum
oxford.museum
pacific.museum
paderborn.museum
palace.museum
paleo.museum
palmsprings.museum
panama.museum
paris.museum
pasadena.museum
pharmacy.museum
philadelphia.museum
philadelphiaarea.museum
philately.museum
phoenix.museum
photography.museum
pilots.museum
pittsburgh.museum
planetarium.museum
plantation.museum
plants.museum
plaza.museum
portal.museum
portland.museum
portlligat.museum
posts-and-telecommunications.museum
preservation.museum
presidio.museum
press.museum
project.museum
public.museum
pubol.museum
quebec.museum

railroad.museum
railway.museum
research.museum
resistance.museum
riodejaneiro.museum
rochester.museum
rockart.museum
roma.museum
russia.museum
saintlouis.museum
salem.museum
salvadordali.museum
salzburg.museum
sandiego.museum
sanfrancisco.museum
santabarbara.museum
santacruz.museum
santafe.museum
saskatchewan.museum
satx.museum
savannahga.museum
schlesisches.museum
schoenbrunn.museum
schokoladen.museum
school.museum
schweiz.museum
science.museum
scienceandhistory.museum
scienceandindustry.museum
sciencecenter.museum
sciencecenters.museum
science-fiction.museum
sciencehistory.museum
sciences.museum
sciencesnaturelles.museum
scotland.museum
seaport.museum
settlement.museum
settlers.museum
shell.museum
sherbrooke.museum
sibenik.museum
silk.museum
ski.museum
skole.museum
society.museum
sologne.museum
soundandvision.museum

southcarolina.museum
southwest.museum
space.museum
spy.museum
square.museum
stadt.museum
stalbans.museum
starnberg.museum
state.museum
stateofdelaware.museum
station.museum
steam.museum
steiermark.museum
stjohn.museum
stockholm.museum
stpetersburg.museum
stuttgart.museum
suisse.museum
surgeonshall.museum
surrey.museum
svizzera.museum
sweden.museum
sydney.museum
tank.museum
tcm.museum
technology.museum
telekommunikation.museum
television.museum
texas.museum
textile.museum
theater.museum
time.museum
timekeeping.museum
topology.museum
torino.museum
touch.museum
town.museum
transport.museum
tree.museum
trolley.museum
trust.museum
trustee.museum
uhren.museum
ulm.museum
undersea.museum
university.museum
usa.museum
usantiques.museum

usarts.museum
uscountrystate.museum
usculture.museum
usdecorativearts.museum
usgarden.museum
ushistory.museum
ushuaia.museum
uslivinghistory.museum
utah.museum
uvic.museum
valley.museum
vantaa.museum
versailles.museum
viking.museum
village.museum
virginia.museum
virtual.museum
virtuel.museum
vlaanderen.museum
volkenkunde.museum
wales.museum
wallonie.museum
war.museum
washingtondc.museum
watchandclock.museum
watch-and-clock.museum
western.museum
westfalen.museum
whaling.museum
wildlife.museum
williamsburg.museum
windmill.museum
workshop.museum
york.museum
yorkshire.museum
yosemite.museum
youth.museum
zoological.museum
zoology.museum
.museum
.museum

//

mv : <https://en.wikipedia.org/wiki/.mv>

// "mv" included because, contra Wikipedia, google.mv exists.

mv

aero.mv

biz.mv

com.mv
coop.mv
edu.mv
gov.mv
info.mv
int.mv
mil.mv
museum.mv
name.mv
net.mv
org.mv
pro.mv

//

mw : <http://www.registrar.mw/>

mw

ac.mw

biz.mw

co.mw

com.mw

coop.mw

edu.mw

gov.mw

int.mw

museum.mw

net.mw

org.mw

// mx : <http://www.nic.mx/>

// Submitted by registry <farias@nic.mx>

mx

com.mx

org.mx

gob.mx

edu.mx

net.mx

// my : <http://www.mynic.net.my/>

my

com.my

net.my

org.my

gov.my

edu.my

mil.my

name.my

// mz : <http://www.uem.mz/>

// Submitted by registry <antonio@uem.mz>

mz
ac.mz
adv.mz
co.mz
edu.mz
gov.mz
mil.mz
net.mz
org.mz

// na : <http://www.na-nic.com.na/>

// <http://www.info.na/domain/>

na
info.na
pro.na
name.na
school.na
or.na
dr.na
us.na
mx.na
ca.na
in.na
cc.na
tv.na
ws.na
mobi.na
co.na
com.na
org.na

// name : has 2nd-level tlds, but there's no list of them

name

// nc : <http://www.cctld.nc/>

nc
asso.nc
nom.nc

// ne : <https://en.wikipedia.org/wiki/.ne>

ne

// net : <https://en.wikipedia.org/wiki/.net>

net

// nf : <https://en.wikipedia.org/wiki/.nf>

nf

com.nf
net.nf
per.nf
rec.nf
web.nf
arts.nf
firm.nf
info.nf
other.nf
store.nf

// ng
: <http://www.nira.org.ng/index.php/join-us/register-ng-domain/189-nira-slds>
ng
com.ng
edu.ng
gov.ng
i.ng
mil.ng
mobi.ng
name.ng
net.ng
org.ng
sch.ng

// ni : <http://www.nic.ni/>
ni
ac.ni
biz.ni
co.ni
com.ni
edu.ni
gob.ni
in.ni
info.ni
int.ni
mil.ni
net.ni
nom.ni
org.ni
web.ni

// nl : <https://en.wikipedia.org/wiki/.nl>
// <https://www.sidn.nl/>
// ccTLD for the Netherlands
nl

// no : <http://www.norid.no/regelverk/index.en.html>

// The Norwegian registry has declined to notify us of updates. The web pages
// referenced below are the official source of the data. There is also an
// announce mailing list:
// <https://postlister.uninett.no/sympa/info/norid-diskusjon>
no
// Norid generic domains : <http://www.norid.no/regelverk/vedlegg-c.en.html>
fhs.no
vgs.no
fylkesbibl.no
folkebibl.no
museum.no
idrett.no
priv.no
// Non-Norid generic domains : <http://www.norid.no/regelverk/vedlegg-d.en.html>
mil.no
stat.no
dep.no
kommune.no
herad.no
// no geographical names : <http://www.norid.no/regelverk/vedlegg-b.en.html>
//
counties
aa.no
ah.no
bu.no
fm.no
hl.no
hm.no
jan-mayen.no
mr.no
nl.no
nt.no
of.no
ol.no
oslo.no
rl.no
sf.no
st.no
svalbard.no
tm.no
tr.no
va.no
vf.no
// primary and lower secondary schools per county
gs.aa.no
gs.ah.no
gs.bu.no
gs.fm.no

gs.hl.no
gs.hm.no
gs.jan-mayen.no
gs.mr.no
gs.nl.no
gs.nt.no
gs.of.no
gs.ol.no
gs.oslo.no
gs.rl.no
gs.sf.no
gs.st.no
gs.svalbard.no
gs.tm.no
gs.tr.no
gs.va.no
gs.vf.no
// cities
akrehamn.no
krehamn.no
algard.no
lgrd.no
arna.no
brumunddal.no
bryne.no
bronnosund.no
brnnysund.no
drobak.no
drbak.no
egersund.no
fetsund.no
floro.no
flor.no
fredrikstad.no
hokksund.no
honefoss.no
hnefoss.no
jessheim.no
jorpeland.no
jrpeland.no
kirkenes.no
kopervik.no
krokstadelva.no
langevag.no
langevg.no
leirvik.no
mjondalen.no
mjndalen.no

mo-i-rana.no
mosjoen.no
mosjen.no
nesoddtangen.no
orkanger.no
osoyro.no
osyro.no
raholt.no
rholt.no
sandnessjoen.no
sandnessjen.no
skedsmokorset.no
slattum.no
spjelkavik.no
stathelle.no
stavern.no
stjordalshalsen.no
stjrdalshalsen.no
tananger.no
tranby.no
vossevangen.no
//
communities
afjord.no
fjord.no
agdenes.no
al.no
l.no
alesund.no
lesund.no
alstahaug.no
alta.no
lt.no
alaheadju.no
laheadju.no
alvdal.no
amli.no
mli.no
amot.no
mot.no
andebu.no
andoy.no
andy.no
andasuolo.no
ardal.no
rdal.no
aremark.no
arendal.no

s.no
aseral.no
seral.no
asker.no
askim.no
askvoll.no
askoy.no
asky.no
asnes.no
snes.no
audnedaln.no
aukra.no
aure.no
aurland.no
aurskog-holand.no
aurskog-hland.no
austevoll.no
austrheim.no
averoy.no
avery.no
balestrand.no
ballangen.no
balat.no
blt.no
balsfjord.no
bahccavuotna.no
bhccavuotna.no
bamble.no
bardu.no
beardu.no
beiarn.no
bajddar.no
bjddar.no
baidar.no
bidr.no
berg.no
bergen.no
berlevag.no
berlevg.no
bearalvahki.no
bearalvhki.no
bindal.no
birkenes.no
bjarkoy.no
bjarky.no
bjerkreim.no
bjugn.no
bodo.no

bod.no
badaddja.no
bdddj.no
budejju.no
bokn.no
bremanger.no
bronnoy.no
brnny.no
bygland.no
bykle.no
barum.no
brum.no
bo.telemark.no
b.telemark.no
bo.nordland.no
b.nordland.no
bievat.no
bievt.no
bomlo.no
bmlo.no
batsfjord.no
btsfjord.no
bahcavuotna.no
bhcavuotna.no
dovre.no
drammen.no
drangedal.no
dyroy.no
dyry.no
donna.no
dnna.no
eid.no
eidfjord.no
eidsberg.no
eidskog.no
eidsvoll.no
eigersund.no
elverum.no
enebakk.no
engerdal.no
etne.no
etnedal.no
evenes.no
evenassi.no
eveni.no
evje-og-hornnes.no
farsund.no
fauske.no

fuosko.no
fuoisku.no
fedje.no
fet.no
finnoy.no
finny.no
fitjar.no
fjaler.no
fjell.no
flakstad.no
flatanger.no
flekkefjord.no
flesberg.no
flora.no
fla.no
fl.no
folldal.no
forsand.no
fosnes.no
frei.no
frogn.no
froland.no
frosta.no
frana.no
frna.no
froya.no
frya.no
fusa.no
fyresdal.no
forde.no
frde.no
gamvik.no
gangaviika.no
ggaviika.no
gaular.no
gausdal.no
gildeskal.no
gildeskl.no
giske.no
gjemnes.no
gjerdrum.no
gjerstad.no
gjesdal.no
gjovik.no
gjvik.no
gloppen.no
gol.no
gran.no

grane.no
granvin.no
gratangen.no
grimstad.no
grong.no
kraanghke.no
kranghke.no
grue.no
gulen.no
hadsel.no
halden.no
halsa.no
hamar.no
hamaroy.no
habmer.no
hbmer.no
hapmir.no
hpmir.no
hammerfest.no
hammarfeasta.no
hmmrfeasta.no
haram.no
hareid.no
harstad.no
hasvik.no
aknoluokta.no
koluokta.no
hattfjelldal.no
aarborte.no
haugesund.no
hemne.no
hemnes.no
hemsedal.no
heroy.more-og-romsdal.no
hery.mre-og-romsdal.no
heroy.nordland.no
hery.nordland.no
hitra.no
hjartdal.no
hjelmeland.no
hobol.no
hobl.no
hof.no
hol.no
hole.no
holmestrand.no
holtalen.no
holtlen.no

hornindal.no
horten.no
hurdal.no
hurum.no
hvaler.no
hyllestad.no
hagebostad.no
hgebostad.no
hoyanger.no
hyanger.no
hoylandet.no
hylandet.no
ha.no
h.no
ibestad.no
inderoy.no
indery.no
iveland.no
jevnaker.no
jondal.no
jolster.no
jlster.no
karasjok.no
karasjohka.no
krjohka.no
karlsoy.no
galsa.no
gls.no
karmoy.no
karmy.no
kautokeino.no
guovdageaidnu.no
klepp.no
klabu.no
klbu.no
kongsberg.no
kongsvinger.no
kragero.no
krager.no
kristiansand.no
kristiansund.no
krodsherad.no
krdsherad.no
kvalsund.no
rahkkeravju.no
rhkkervju.no
kvam.no
kvinesdal.no

kvinnherad.no
kviteseid.no
kvitsoy.no
kvitsy.no
kvafjord.no
kvfjord.no
giehtavuoatna.no
kvanangen.no
kvnangen.no
navuotna.no
nvuotna.no
kafjord.no
kfjord.no
gaivuotna.no
givuotna.no
larvik.no
lavangen.no
lavagis.no
loabat.no
loabt.no
lebesby.no
davvesiida.no
leikanger.no
leirfjord.no
leka.no
leksvik.no
lenvik.no
leangaviika.no
leagaviika.no
lesja.no
levanger.no
lier.no
lierne.no
lillehammer.no
lillesand.no
lindesnes.no
lindas.no
linds.no
lom.no
loppa.no
lahppi.no
lhppi.no
lund.no
lunner.no
luroy.no
lury.no
luster.no
lyngdal.no

lyngen.no
ivgu.no
lardal.no
lerdal.no
lrdal.no
lodingen.no
ldingen.no
lorenskog.no
lrenskog.no
loten.no
lten.no
malvik.no
masoy.no
msy.no
muosat.no
muost.no
mandal.no
marker.no
marnardal.no
masfjorden.no
meland.no
meldal.no
melhus.no
meloy.no
mely.no
meraker.no
merker.no
moareke.no
moreke.no
midsund.no
midtre-gauldal.no
modalen.no
modum.no
molde.no
moskenes.no
moss.no
mosvik.no
malselv.no
mlselv.no
malatvuopmi.no
mlatvuopmi.no
namdalseid.no
aejrie.no
namsos.no
namsskogan.no
naamesjevuemie.no
nmesjevuemie.no
laakesvuemie.no

nannestad.no
narvik.no
narviika.no
naustdal.no
nedre-eiker.no
nes.akershus.no
nes.buskerud.no
nesna.no
nesodden.no
nesseby.no
unjarga.no
unjrga.no
nesset.no
nissedal.no
nittedal.no
nord-aurdal.no
nord-fron.no
nord-odal.no
norddal.no
nordkapp.no
davvenjarga.no
davvenjrga.no
nordre-land.no
nordreisa.no
raisa.no
risa.no
nore-og-uvdal.no
notodden.no
naroy.no
nry.no
notteroy.no
nttery.no
odda.no
oksnes.no
ksnes.no
oppdal.no
oppegard.no
oppegrd.no
orkdal.no
orland.no
rland.no
orskog.no
rskog.no
orsta.no
rsta.no
os.hedmark.no
os.hordaland.no
osen.no

osteroy.no
ostery.no
ostre-toten.no
stre-toten.no
overhalla.no
ovre-eiker.no
vre-eiker.no
oyer.no
yer.no
oygarden.no
ygarden.no
oystre-slidre.no
ystre-slidre.no
porsanger.no
porsangu.no
porsgu.no
porsgrunn.no
radoy.no
rady.no
rakkestad.no
rana.no
ruovat.no
randaberg.no
rauma.no
rendalen.no
rennebu.no
rennesoy.no
rennesy.no
rindal.no
ringebu.no
ringerike.no
ringsaker.no
rissa.no
risor.no
risr.no
roan.no
rollag.no
rygge.no
ralingen.no
rlingen.no
rodoy.no
rdy.no
romskog.no
rmskog.no
roros.no
rros.no
rost.no
rst.no

royken.no
ryken.no
royrvik.no
ryrvik.no
rade.no
rde.no
salangen.no
siellak.no
saltdal.no
salat.no
slt.no
slat.no
samnanger.no
sande.more-og-romsdal.no
sande.mre-og-romsdal.no
sande.vestfold.no
sandefjord.no
sandnes.no
sandoy.no
sandy.no
sarpsborg.no
sauda.no
sauherad.no
sel.no
selbu.no
selje.no
seljord.no
sigdal.no
siljan.no
sirdal.no
skaun.no
skedsmo.no
ski.no
skien.no
skiptvet.no
skjervoy.no
skjervy.no
skierva.no
skierv.no
skjak.no
skjk.no
skodje.no
skanland.no
sknland.no
skanit.no
sknit.no
smola.no
smla.no

snillfjord.no
snasa.no
snsa.no
snoasa.no
snaase.no
snase.no
sogndal.no
sokndal.no
sola.no
solund.no
songdalen.no
sortland.no
spydeberg.no
stange.no
stavanger.no
steigen.no
steinkjer.no
stjordal.no
stjrdal.no
stokke.no
stor-elvdal.no
stord.no
stordal.no
storfjord.no
omasvuotna.no
strand.no
stranda.no
stryn.no
sula.no
suldal.no
sund.no
sunndal.no
surnadal.no
sveio.no
svelvik.no
sykkylven.no
sogne.no
sgne.no
somna.no
smna.no
sondre-land.no
sndre-land.no
sor-aurdal.no
sr-aurdal.no
sor-fron.no
sr-fron.no
sor-odal.no
sr-odal.no

sor-varanger.no
sr-varanger.no
matta-varjjat.no
mtta-vrjjat.no
sorfold.no
srfold.no
sorreisa.no
sreisa.no
sorum.no
srum.no
tana.no
deatnu.no
time.no
tingvoll.no
tinn.no
tjeldsund.no
dieiddanuorri.no
tjome.no
tjme.no
tokke.no
tolga.no
torsken.no
tranoy.no
trany.no
tromso.no
troms.no
tromsa.no
romsa.no
trondheim.no
troandin.no
trysil.no
trana.no
trna.no
trogstad.no
trgstad.no
tvedestrand.no
tydal.no
tynset.no
tysfjord.no
divtasvuodna.no
divttasvuotna.no
tysnes.no
tysvar.no
tysvr.no
tonsberg.no
tnsberg.no
ullensaker.no
ullensvang.no

ulvik.no
utsira.no
vadso.no
vads.no
cahcesuolo.no
hcesuolo.no
vaksdal.no
valle.no
vang.no
vanylven.no
vardo.no
vard.no
varggat.no
vrggt.no
vefsn.no
vaapste.no
vega.no
vegarshei.no
vegrshei.no
vennesla.no
verdal.no
verran.no
vestby.no
vestnes.no
vestre-slidre.no
vestre-toten.no
vestvagoy.no
vestvgy.no
vevelstad.no
vik.no
vikna.no
vindafjord.no
volda.no
voss.no
varoy.no
vry.no
vagan.no
vgan.no
voagat.no
vagsoy.no
vgsy.no
vaga.no
vg.no
valer.ostfold.no
vler.stfold.no
valer.hedmark.no
vler.hedmark.no

```
//  
np : http://www.mos.com.np/register.html  
*.np  
  
// nr : http://cenpac.net.nr/dns/index.html  
// Submitted by registry <technician@cenpac.net.nr>  
nr  
biz.nr  
info.nr  
gov.nr  
edu.nr  
org.nr  
net.nr  
com.nr
```

```
// nu : https://en.wikipedia.org/wiki/.nu  
nu
```

```
// nz : https://en.wikipedia.org/wiki/.nz  
// Submitted by registry <jay@nzrs.net.nz>  
nz  
ac.nz  
co.nz  
cri.nz  
geek.nz  
gen.nz  
govt.nz  
health.nz  
iwi.nz  
kiwi.nz  
maori.nz  
mil.nz  
mori.nz  
net.nz  
org.nz  
parliament.nz  
school.nz
```

```
//  
om : https://en.wikipedia.org/wiki/.om  
om  
co.om  
com.om  
edu.om  
gov.om  
med.om  
museum.om  
net.om
```

org.om
pro.om

// onion : <https://tools.ietf.org/html/rfc7686>
onion

// org : <https://en.wikipedia.org/wiki/.org>
org

// pa : <http://www.nic.pa/>
// Some additional second level "domains" resolve directly as hostnames, such as
// pannot.pa, so we add a rule for "pa".

pa
ac.pa
gob.pa
com.pa
org.pa
sld.pa
edu.pa
net.pa
ing.pa
abo.pa
med.pa
nom.pa

// pe : <https://www.nic.pe/InformeFinalComision.pdf>
pe
edu.pe
gob.pe
nom.pe
mil.pe
org.pe
com.pe
net.pe

// pf : <http://www.gobin.info/domainname/formulaire-pf.pdf>
pf
com.pf
org.pf
edu.pf

// pg : <https://en.wikipedia.org/wiki/.pg>
*.pg

// ph : <http://www.domains.ph/FAQ2.asp>
// Submitted by registry <jed@email.com.ph>
ph
com.ph

net.ph
org.ph
gov.ph
edu.ph
ngo.ph
mil.ph
i.ph

// pk : <http://pk5.pknic.net.pk/pk5/msgNamepk.PK>

pk
com.pk
net.pk
edu.pk
org.pk
fam.pk
biz.pk
web.pk
gov.pk
gob.pk
gok.pk
gon.pk
gop.pk
gos.pk
info.pk

// pl <http://www.dns.pl/english/index.html>

//

Submitted by registry

pl
com.pl
net.pl
org.pl

// pl functional domains (<http://www.dns.pl/english/index.html>)

aid.pl
agro.pl
atm.pl
auto.pl
biz.pl
edu.pl
gmina.pl
gsm.pl
info.pl
mail.pl
miasta.pl
media.pl
mil.pl
nieruchomosci.pl
nom.pl

pc.pl
powiat.pl
priv.pl
realestate.pl
rel.pl
sex.pl
shop.pl
sklep.pl
sos.pl
szkola.pl
targi.pl
tm.pl
tourism.pl
travel.pl
turystyka.pl
// Government domains
gov.pl
ap.gov.pl
ic.gov.pl
is.gov.pl
us.gov.pl
kmpsp.gov.pl
kppsp.gov.pl
kwpsp.gov.pl
psp.gov.pl
wskr.gov.pl
kwp.gov.pl
mw.gov.pl
ug.gov.pl
um.gov.pl
umig.gov.pl
ugim.gov.pl
upow.gov.pl
uw.gov.pl
starostwo.gov.pl
pa.gov.pl
po.gov.pl
psse.gov.pl
pup.gov.pl
rzgw.gov.pl
sa.gov.pl
so.gov.pl
sr.gov.pl
wsa.gov.pl
sko.gov.pl
uzs.gov.pl
wiih.gov.pl
winb.gov.pl

pinb.gov.pl
wios.gov.pl
witd.gov.pl
wzmiuw.gov.pl
piw.gov.pl
wiw.gov.pl
griw.gov.pl
wif.gov.pl
oum.gov.pl
sdn.gov.pl
zp.gov.pl
uppo.gov.pl
mup.gov.pl
wuoz.gov.pl
konsulat.gov.pl
oirm.gov.pl
// pl regional domains (<http://www.dns.pl/english/index.html>)
augustow.pl
babia-gora.pl
bedzin.pl
beskidy.pl
bialowieza.pl
bialystok.pl
bielawa.pl
bieszczady.pl
boleslawiec.pl
bydgoszcz.pl
bytom.pl
cieszyn.pl
czeladz.pl
czest.pl
dlugoleka.pl
elblag.pl
elk.pl
glogow.pl
gniezno.pl
gorlice.pl
grajewo.pl
ilawa.pl
jaworzno.pl
jelenia-gora.pl
jgora.pl
kalisz.pl
kazimierz-dolny.pl
karpacz.pl
kartuzy.pl
kaszuby.pl
katowice.pl

kepno.pl
ketrzyn.pl
klodzko.pl
kobierzyce.pl
kolobrzeg.pl
konin.pl
konskowola.pl
kutno.pl
lapy.pl
lebork.pl
legnica.pl
lezajsk.pl
limanowa.pl
lomza.pl
lowicz.pl
lubin.pl
lukow.pl
malbork.pl
malopolska.pl
mazowsze.pl
mazury.pl
mielec.pl
mielno.pl
mragowo.pl
naklo.pl
nowaruda.pl
nysa.pl
olawa.pl
olecko.pl
olkusz.pl
olsztyn.pl
opoczno.pl
opole.pl
ostroda.pl
ostroleka.pl
ostrowiec.pl
ostrowlwkp.pl
pila.pl
pisz.pl
podhale.pl
podlasie.pl
polkowice.pl
pomorze.pl
pomorskie.pl
prochowice.pl
pruszkow.pl
przeworsk.pl
pulawy.pl

radom.pl
rawa-maz.pl
rybnik.pl
rzeszow.pl
sanok.pl
sejny.pl
slask.pl
slupsk.pl
sosnowiec.pl
stalowa-wola.pl
skoczow.pl
starachowice.pl
stargard.pl
suwalki.pl
swidnica.pl
swiebodzin.pl
swinoujscie.pl
szczecin.pl
szczytno.pl
tarnobrzeg.pl
tgory.pl
turek.pl
tychy.pl
ustka.pl
walbrzych.pl
warmia.pl
warszawa.pl
waw.pl
wegrow.pl
wielun.pl
wlocl.pl
wloclawek.pl
wodzislaw.pl
wolomin.pl
wroclaw.pl
zachpomor.pl
zagan.pl
zarow.pl
zgora.pl
zgorzelec.pl

//

pm : <http://www.afnic.fr/medias/documents/AFNIC-naming-policy2012.pdf>

pm

// pn : <http://www.government.pn/PnRegistry/policies.htm>

pn

gov.pn

co.pn
org.pn
edu.pn
net.pn

// post : <https://en.wikipedia.org/wiki/.post>
post

// pr : <http://www.nic.pr/index.asp?f=1>

pr
com.pr
net.pr
org.pr
gov.pr
edu.pr
isla.pr
pro.pr
biz.pr
info.pr
name.pr

// these aren't mentioned on nic.pr, but on <https://en.wikipedia.org/wiki/.pr>

est.pr
prof.pr
ac.pr

// pro : <http://registry.pro/get-pro>

pro
aaa.pro
aca.pro
acct.pro
avocat.pro
bar.pro
cpa.pro
eng.pro
jur.pro
law.pro
med.pro
recht.pro

// ps : <https://en.wikipedia.org/wiki/.ps>

// <http://www.nic.ps/registration/policy.html#reg>

ps
edu.ps
gov.ps
sec.ps
plo.ps
com.ps
org.ps

net.ps

//

pt : http://online.dns.pt/dns/start_dns

pt

net.pt

gov.pt

org.pt

edu.pt

int.pt

publ.pt

com.pt

nome.pt

// pw : <https://en.wikipedia.org/wiki/.pw>

pw

co.pw

ne.pw

or.pw

ed.pw

go.pw

belau.pw

// py : http://www.nic.py/pautas.html#seccion_9

// Submitted by registry

py

com.py

coop.py

edu.py

gov.py

mil.py

net.py

org.py

// qa : <http://domains.qa/en/>

qa

com.qa

edu.qa

gov.qa

mil.qa

name.qa

net.qa

org.qa

sch.qa

// re : <http://www.afnic.re/obtenir/chartes/nommage-re/annexe-descriptifs>

re

asso.re

com.re
nom.re

// ro : <http://www.rotld.ro/>

ro
arts.ro
com.ro
firm.ro
info.ro
nom.ro
nt.ro
org.ro
rec.ro
store.ro
tm.ro
www.ro

// rs : <https://www.rnids.rs/en/domains/national-domains>

rs
ac.rs
co.rs
edu.rs
gov.rs
in.rs
org.rs

// ru : https://cctld.ru/en/domains/domens_ru/reserved/

ru
ac.ru
edu.ru
gov.ru
int.ru
mil.ru
test.ru

// rw : https://www.ricta.org.rw/sites/default/files/resources/registry_registrar_contract_0.pdf

rw
ac.rw
co.rw
coop.rw
gov.rw
mil.rw
net.rw
org.rw

//

sa : <http://www.nic.net.sa/>

sa

com.sa
net.sa
org.sa
gov.sa
med.sa
pub.sa
edu.sa
sch.sa

// sb : <http://www.sbnic.net.sb/>
// Submitted by registry <lee.humphries@telekom.com.sb>

sb
com.sb
edu.sb
gov.sb
net.sb
org.sb

// sc : <http://www.nic.sc/>

sc
com.sc
gov.sc
net.sc
org.sc
edu.sc

// sd : http://www.isoc.sd/sudanic.isoc.sd/billing_pricing.htm
// Submitted by registry <admin@isoc.sd>

sd
com.sd
net.sd
org.sd
edu.sd
med.sd
tv.sd
gov.sd
info.sd

// se : <https://en.wikipedia.org/wiki/.se>

// Submitted by registry <patrik.wallstrom@iis.se>

se
a.se
ac.se
b.se
bd.se
brand.se
c.se
d.se

e.se
f.se
fh.se
fhsk.se
fhv.se
g.se
h.se
i.se
k.se
komforb.se
kommunalforbund.se
komvux.se
l.se
lanbib.se
m.se
n.se
naturbruksgymn.se
o.se
org.se
p.se
parti.se
pp.se
press.se
r.se
s.se
t.se
tm.se
u.se
w.se
x.se
y.se
z.se

// sg : <http://www.nic.net.sg/page/registration-policies-procedures-and-guidelines>

sg
com.sg
net.sg
org.sg
gov.sg
edu.sg
per.sg

// sh
: <http://www.nic.sh/registrar.html>

sh
com.sh
net.sh
gov.sh

org.sh
mil.sh

// si : <https://en.wikipedia.org/wiki/.si>
si

// sj : No registrations at this time.
// Submitted by registry <jarle@uninett.no>
sj

// sk : <https://en.wikipedia.org/wiki/.sk>
// list of 2nd level domains ?
sk

// sl : <http://www.nic.sl>
// Submitted by registry <adam@neoip.com>
sl
com.sl
net.sl
edu.sl
gov.sl
org.sl

// sm : <https://en.wikipedia.org/wiki/.sm>
sm

// sn : <https://en.wikipedia.org/wiki/.sn>
sn
art.sn
com.sn
edu.sn
gouv.sn
org.sn
perso.sn
univ.sn

// so : <http://www.soregistry.com/>
so
com.so
net.so
org.so

// sr : <https://en.wikipedia.org/wiki/.sr>
sr

// st : <http://www.nic.st/html/policyrules/>
st
co.st

com.st
consulado.st
edu.st
embaixada.st
gov.st
mil.st
net.st
org.st
principe.st
saotome.st
store.st

// su : <https://en.wikipedia.org/wiki/.su>
su

// sv : <http://www.svnet.org.sv/niveldos.pdf>
sv
com.sv
edu.sv
gob.sv
org.sv
red.sv

// sx : <https://en.wikipedia.org/wiki/.sx>
// Submitted by registry <jcvignes@openregistry.com>
sx
gov.sx

//
sy : <https://en.wikipedia.org/wiki/.sy>
// see also: <http://www.gobin.info/domainname/sy.doc>
sy
edu.sy
gov.sy
net.sy
mil.sy
com.sy
org.sy

// sz : <https://en.wikipedia.org/wiki/.sz>
// <http://www.sispa.org.sz/>
sz
co.sz
ac.sz
org.sz

// tc : <https://en.wikipedia.org/wiki/.tc>
tc

// td : <https://en.wikipedia.org/wiki/.td>

td

// tel: <https://en.wikipedia.org/wiki/.tel>

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

tel

// tf : <https://en.wikipedia.org/wiki/.tf>

tf

// tg : <https://en.wikipedia.org/wiki/.tg>

// <http://www.nic.tg/>

tg

// th : <https://en.wikipedia.org/wiki/.th>

// Submitted by registry <krit@thains.co.th>

th

ac.th

co.th

go.th

in.th

mi.th

net.th

or.th

// tj : <http://www.nic.tj/policy.html>

tj

ac.tj

biz.tj

co.tj

com.tj

edu.tj

go.tj

gov.tj

int.tj

mil.tj

name.tj

net.tj

nic.tj

org.tj

test.tj

web.tj

// tk : <https://en.wikipedia.org/wiki/.tk>

tk

// tl : <https://en.wikipedia.org/wiki/.tl>

tl

gov.tl

// tm : <http://www.nic.tn/local.html>

tm

com.tm

co.tm

org.tm

net.tm

nom.tm

gov.tm

mil.tm

edu.tm

//

tn : <https://en.wikipedia.org/wiki/.tn>

// <http://whois.ati.tn/>

tn

com.tn

ens.tn

fin.tn

gov.tn

ind.tn

intl.tn

nat.tn

net.tn

org.tn

info.tn

perso.tn

tourism.tn

edunet.tn

rrrt.tn

rns.tn

rnu.tn

mincom.tn

agrinet.tn

defense.tn

turen.tn

// to : <https://en.wikipedia.org/wiki/.to>

// Submitted by registry <egullich@colo.to>

to

com.to

gov.to

net.to

org.to

edu.to

mil.to

// tr : <https://nic.tr/>
// <https://nic.tr/forms/eng/policies.pdf>
// <https://nic.tr/index.php?USRACTN=PRICELST>
tr
av.tr
bbs.tr
bel.tr
biz.tr
com.tr
dr.tr
edu.tr
gen.tr
gov.tr
info.tr
mil.tr
k12.tr
kep.tr
name.tr
net.tr
org.tr
pol.tr
tel.tr
tsk.tr
tv.tr
web.tr
// Used by Northern Cyprus
nc.tr
// Used by government agencies of Northern Cyprus
gov.nc.tr

// tt : <http://www.nic.tt/>

tt
co.tt
com.tt
org.tt
net.tt
biz.tt
info.tt
pro.tt
int.tt
coop.tt
jobs.tt
mobi.tt
travel.tt
museum.tt
aero.tt
name.tt

gov.tt
edu.tt

// tv : <https://en.wikipedia.org/wiki/.tv>
// Not listing any 2LDs as reserved since none seem to
exist in practice,
// Wikipedia notwithstanding.
tv

// tw : <https://en.wikipedia.org/wiki/.tw>
tw
edu.tw
gov.tw
mil.tw
com.tw
net.tw
org.tw
idv.tw
game.tw
ebiz.tw
club.tw
.tw
.tw
.tw

// tz : <http://www.tznic.or.tz/index.php/domains>
// Submitted by registry <manager@tznic.or.tz>
tz
ac.tz
co.tz
go.tz
hotel.tz
info.tz
me.tz
mil.tz
mobi.tz
ne.tz
or.tz
sc.tz
tv.tz

// ua : <https://hostmaster.ua/policy/?ua>
// Submitted by registry <dk@cctld.ua>
ua
// ua 2LD
com.ua
edu.ua
gov.ua

in.ua
net.ua
org.ua
// ua geographic names
// https://hostmaster.ua/2ld/
cherkassy.ua
cherkasy.ua
chernigov.ua
chernihiv.ua
chernivtsi.ua
chernovtsy.ua
ck.ua
cn.ua
cr.ua
crimea.ua
cv.ua
dn.ua
dnepropetrovsk.ua
dniproperetrovsk.ua
dominic.ua
donetsk.ua
dp.ua
if.ua
ivano-frankivsk.ua
kh.ua
kharkiv.ua
kharkov.ua
kherson.ua
khmelnitskiy.ua
khmelnyskyi.ua
kiev.ua
kirovograd.ua
km.ua
kr.ua
krym.ua
ks.ua
kv.ua
kyiv.ua
lg.ua
lt.ua
lugansk.ua
lutsk.ua
lv.ua
lviv.ua
mk.ua
mykolaiv.ua
nikolaev.ua
od.ua

odesa.ua
odessa.ua
pl.ua
poltava.ua
rivne.ua
rovno.ua
rv.ua
sb.ua
sebastopol.ua
sevastopol.ua
sm.ua
sumy.ua
te.ua
ternopil.ua
uz.ua
uzhgorod.ua
vinnica.ua
vinnytsia.ua
vn.ua
volyn.ua
yalta.ua
zaporizhzhhe.ua
zaporizhzhia.ua
zhitomir.ua
zhytomyr.ua
zp.ua
zt.ua

//

ug : <https://www.registry.co.ug/>

ug

co.ug

or.ug

ac.ug

sc.ug

go.ug

ne.ug

com.ug

org.ug

// uk : <https://en.wikipedia.org/wiki/.uk>

// Submitted by registry <Michael.Daly@nominet.org.uk>

uk

ac.uk

co.uk

gov.uk

ltd.uk

me.uk

net.uk
nhs.uk
org.uk
plc.uk
police.uk
*.sch.uk

// us : <https://en.wikipedia.org/wiki/.us>

us
dni.us
fed.us
isa.us
kids.us
nsn.us

// us geographic names

ak.us
al.us
ar.us
as.us
az.us
ca.us
co.us
ct.us
dc.us
de.us
fl.us
ga.us
gu.us
hi.us
ia.us
id.us
il.us
in.us
ks.us
ky.us
la.us
ma.us
md.us
me.us
mi.us
mn.us
mo.us
ms.us
mt.us
nc.us
nd.us
ne.us
nh.us

nj.us
nm.us
nv.us
ny.us
oh.us
ok.us
or.us
pa.us
pr.us
ri.us
sc.us
sd.us
tn.us
tx.us
ut.us
vi.us
vt.us
va.us
wa.us
wi.us
wv.us
wy.us
// The registrar notes several more specific
domains available in each state,
// such as state.*.us, dst.*.us, etc., but resolution of these is somewhat
// haphazard; in some states these domains resolve as addresses, while in others
// only subdomains are available, or even nothing at all. We include the
// most common ones where it's clear that different sites are different
// entities.
k12.ak.us
k12.al.us
k12.ar.us
k12.as.us
k12.az.us
k12.ca.us
k12.co.us
k12.ct.us
k12.dc.us
k12.de.us
k12.fl.us
k12.ga.us
k12.gu.us
// k12.hi.us Bug 614565 - Hawaii has a state-wide DOE login
k12.ia.us
k12.id.us
k12.il.us
k12.in.us
k12.ks.us

k12.ky.us
k12.la.us
k12.ma.us
k12.md.us
k12.me.us
k12.mi.us
k12.mn.us
k12.mo.us
k12.ms.us
k12.mt.us
k12.nc.us
// k12.nd.us Bug 1028347 - Removed at request of Travis Rosso <trossow@nd.gov>
k12.ne.us
k12.nh.us
k12.nj.us
k12.nm.us
k12.nv.us
k12.ny.us
k12.oh.us
k12.ok.us
k12.or.us
k12.pa.us
k12.pr.us
k12.ri.us
k12.sc.us
// k12.sd.us Bug 934131 - Removed at request of James Booze <James.Booze@k12.sd.us>
k12.tn.us
k12.tx.us
k12.ut.us
k12.vi.us
k12.vt.us
k12.va.us
k12.wa.us
k12.wi.us
//
k12.wv.us Bug 947705 - Removed at request of Verne Britton <verne@wvnet.edu>
k12.wy.us
cc.ak.us
cc.al.us
cc.ar.us
cc.as.us
cc.az.us
cc.ca.us
cc.co.us
cc.ct.us
cc.dc.us
cc.de.us
cc.fl.us

cc.ga.us
cc.gu.us
cc.hi.us
cc.ia.us
cc.id.us
cc.il.us
cc.in.us
cc.ks.us
cc.ky.us
cc.la.us
cc.ma.us
cc.md.us
cc.me.us
cc.mi.us
cc.mn.us
cc.mo.us
cc.ms.us
cc.mt.us
cc.nc.us
cc.nd.us
cc.ne.us
cc.nh.us
cc.nj.us
cc.nm.us
cc.nv.us
cc.ny.us
cc.oh.us
cc.ok.us
cc.or.us
cc.pa.us
cc.pr.us
cc.ri.us
cc.sc.us
cc.sd.us
cc.tn.us
cc.tx.us
cc.ut.us
cc.vi.us
cc.vt.us
cc.va.us
cc.wa.us
cc.wi.us
cc.wv.us
cc.wy.us
lib.ak.us
lib.al.us
lib.ar.us
lib.as.us

lib.az.us

lib.ca.us

lib.co.us

lib.ct.us

lib.dc.us

// lib.de.us Issue #243 - Moved to Private section at request of Ed Moore <Ed.Moore@lib.de.us>

lib.fl.us

lib.ga.us

lib.gu.us

lib.hi.us

lib.ia.us

lib.id.us

lib.il.us

lib.in.us

lib.ks.us

lib.ky.us

lib.la.us

lib.ma.us

lib.md.us

lib.me.us

lib.mi.us

lib.mn.us

lib.mo.us

lib.ms.us

lib.mt.us

lib.nc.us

lib.nd.us

lib.ne.us

lib.nh.us

lib.nj.us

lib.nm.us

lib.nv.us

lib.ny.us

lib.oh.us

lib.ok.us

lib.or.us

lib.pa.us

lib.pr.us

lib.ri.us

lib.sc.us

lib.sd.us

lib.tn.us

lib.tx.us

lib.ut.us

lib.vi.us

lib.vt.us

lib.va.us

lib.wa.us

```
lib.wi.us
//
lib.wv.us Bug 941670 - Removed at request of Larry W Arnold <arnold@wvlc.lib.wv.us>
lib.wy.us
// k12.ma.us contains school districts in Massachusetts. The 4LDs are
// managed independently except for private (PVT), charter (CHTR) and
// parochial (PAROCH) schools. Those are delegated directly to the
// 5LD operators. <k12-ma-hostmaster _ at _ rsuc.gweep.net>
pvt.k12.ma.us
chtr.k12.ma.us
paroch.k12.ma.us
// Merit Network, Inc. maintains the registry for =~/(k12|cc|lib).mi.us/ and the following
// see also: http://domreg.merit.edu
// see also: whois -h whois.domreg.merit.edu help
ann-arbor.mi.us
cog.mi.us
dst.mi.us
eaton.mi.us
gen.mi.us
mus.mi.us
tec.mi.us
washtenaw.mi.us

// uy : http://www.nic.org.uy/
uy
com.uy
edu.uy
gub.uy
mil.uy
net.uy
org.uy

//
uz : http://www.reg.uz/
uz
co.uz
com.uz
net.uz
org.uz

// va : https://en.wikipedia.org/wiki/.va
va

// vc : https://en.wikipedia.org/wiki/.vc
// Submitted by registry <kshah@ca.afilias.info>
vc
com.vc
net.vc
```

org.vc
gov.vc
mil.vc
edu.vc

// ve : <https://registro.nic.ve/>

// Submitted by registry

ve
arts.ve
co.ve
com.ve
e12.ve
edu.ve
firm.ve
gob.ve
gov.ve
info.ve
int.ve
mil.ve
net.ve
org.ve
rec.ve
store.ve
tec.ve
web.ve

// vg : <https://en.wikipedia.org/wiki/.vg>

vg

// vi : <http://www.nic.vi/newdomainform.htm>

// http://www.nic.vi/Domain_Rules/body_domain_rules.html indicates some other

// TLDs are "reserved", such as edu.vi and gov.vi, but doesn't actually say they

// are available for registration (which they do not seem to be).

vi
co.vi
com.vi
k12.vi
net.vi
org.vi

// vn : <https://www.dot.vn/vnnic/vnnic/domainregistration.jsp>

vn
com.vn
net.vn
org.vn
edu.vn
gov.vn
int.vn

ac.vn
biz.vn
info.vn
name.vn
pro.vn
health.vn

// vu : <https://en.wikipedia.org/wiki/.vu>

//

<http://www.vunic.vu/>

vu

com.vu

edu.vu

net.vu

org.vu

// wf : <http://www.afnic.fr/medias/documents/AFNIC-naming-policy2012.pdf>

wf

// ws : <https://en.wikipedia.org/wiki/.ws>

// <http://samoanic.ws/index.dhtml>

ws

com.ws

net.ws

org.ws

gov.ws

edu.ws

// yt : <http://www.afnic.fr/medias/documents/AFNIC-naming-policy2012.pdf>

yt

// IDN ccTLDs

// When submitting patches, please maintain a sort by ISO 3166 ccTLD, then

// U-label, and follow this format:

// // A-Label ("[Latin renderings](#)", [language name](#) [, variant info]) : <ISO 3166 ccTLD>

// // [sponsoring org]

// U-Label

// xn--mgbam7a8h ("Emerat", Arabic) : AE

// <http://nic.ae/english/arabicdomain/rules.jsp>

// xn--y9a3aq ("hye", Armenian) : AM

// ISOC AM (operated by .am Registry)

// xn--54b7fta0cc ("Bangla", Bangla) : BD

// xn--90ae ("bg", Bulgarian) : BG

// xn--90ais ("bel", Belarusian/Russian Cyrillic) : BY
// Operated by .by registry

// xn--fiqs8s ("Zhongguo/China",
Chinese, Simplified) : CN
// CNNIC
// <http://cnnic.cn/html/Dir/2005/10/11/3218.htm>

// xn--fiqz9s ("Zhongguo/China", Chinese, Traditional) : CN
// CNNIC
// <http://cnnic.cn/html/Dir/2005/10/11/3218.htm>

// xn--lgbbat1ad8j ("Algeria/Al Jazair", Arabic) : DZ

// xn--wgbh1c ("Egypt/Masr", Arabic) : EG
// <http://www.dotmasr.eg/>

// xn--e1a4c ("eu", Cyrillic) : EU

// xn--node ("ge", Georgian Mkhedruli) : GE

// xn--qxam ("el", Greek) : GR
// Hellenic Ministry of Infrastructure, Transport, and Networks

// xn--j6w193g ("Hong Kong", Chinese) : HK
// <https://www.hkirc.hk>
// Submitted by registry <hk.tech@hkirc.hk>
// <https://www.hkirc.hk/content.jsp?id=30#!/34>

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.

// xn--2scrj9c ("Bharat", Kannada) : IN
// India

// xn--3hcrj9c ("Bharat", Oriya) : IN
// India

// xn--45br5cyl ("Bharatam", Assamese) : IN
// India

//
xn--h2breg3eve ("Bharatam", Sanskrit) : IN
// India

// xn--h2brj9c8c ("Bharot", Santali) : IN
// India

// xn--mgbgu82a ("Bharat", Sindhi) : IN
// India

// xn--rvc1e0am3e ("Bharatam", Malayalam) : IN
// India

// xn--h2brj9c ("Bharat", Devanagari) : IN
// India

// xn--mgbbh1a ("Bharat", Kashmiri) : IN
// India

// xn--mgbbh1a71e ("Bharat", Arabic) : IN
// India

// xn--fpcrj9c3d ("Bharat", Telugu) : IN
// India

// xn--gecrj9c ("Bharat", Gujarati) : IN
// India

// xn--s9brj9c ("Bharat", Gurmukhi) : IN
// India

// xn--45brj9c ("Bharat", Bengali) : IN
// India

// xn--xkc2dl3a5ee0h ("India", Tamil) : IN
// India

// xn--mgb3a4f16a ("Iran", Persian) : IR

// xn--mgb3a4fra ("Iran", Arabic) : IR

// xn--mgbtx2b ("Iraq", Arabic) : IQ
// Communications and Media Commission

// xn--mgbayh7gpa
("al-Ordon", Arabic) : JO
// National Information Technology Center (NITC)
// Royal Scientific Society, Al-Jubeiha

// xn--3e0b707e ("Republic of Korea", Hangul) : KR

// xn--80ao21a ("Kaz", Kazakh) : KZ

// xn--fzc2c9e2c ("Lanka", Sinhalese-Sinhala) : LK
// <http://nic.lk>

// xn--xkc2al3hye2a ("Ilangai", Tamil) : LK
// <http://nic.lk>

// xn--mgbc0a9azcg ("Morocco/al-Maghrib", Arabic) : MA

// xn--d1alf ("mkd", Macedonian) : MK
// MARnet

```
// xn--l1acc ("mon", Mongolian) : MN

// xn--mix891f ("Macao", Chinese, Traditional) : MO
// MONIC / HNET Asia (Registry Operator for .mo)

// xn--mix082f ("Macao", Chinese, Simplified) : MO

// xn--mgbx4cd0ab ("Malaysia", Malay) : MY

// xn--mgb9awbf ("Oman", Arabic) : OM

// xn--mgbai9azgqp6j ("Pakistan", Urdu/Arabic) : PK

// xn--mgbai9a5eva00b ("Pakistan", Urdu/Arabic, variant) : PK

//
xn--ygb2ammx ("Falasteen", Arabic) : PS
// The Palestinian National Internet Naming Authority (PNINA)
// http://www.pnina.ps

// xn--90a3ac ("srb", Cyrillic) : RS
// https://www.rnids.rs/en/domains/national-domains

.
.
.
.
.

// xn--p1ai ("rf", Russian-Cyrillic) : RU
// http://www.cctld.ru/en/docs/rulesrf.php

// xn--wgb16a ("Qatar", Arabic) : QA
// http://www.ict.gov.qa/
```

// xn--mgberp4a5d4ar ("AlSaudiah", Arabic) : SA
// <http://www.nic.net.sa/>

// xn--mgberp4a5d4a87g ("AlSaudiah", Arabic, variant) : SA

// xn--mgbqly7c0a67fbc ("AlSaudiah", Arabic, variant) : SA

// xn--mgbqly7cvafr ("AlSaudiah", Arabic, variant) : SA

// xn--mgbpl2fh ("sudan", Arabic) : SD
// Operated by .sd registry

// xn--yfro4i67o Singapore ("Singapore", Chinese) : SG

// xn--clchc0ea0b2g2a9gcd ("Singapore", Tamil) : SG

//
xn--ogbpf8fl ("Syria", Arabic) : SY

// xn--mgbtf8fl ("Syria", Arabic, variant) : SY

// xn--o3cw4h ("Thai", Thai) : TH
// <http://www.thnic.co.th>

.
.
.
.
.
.

// xn--pgbs0dh ("Tunisia", Arabic) : TN
// <http://nic.tn>

// xn--kpry57d ("Taiwan", Chinese, Traditional) : TW
// http://www.twnic.net/english/dn/dn_07a.htm

// xn--kprw13d ("Taiwan", Chinese, Simplified) : TW

// http://www.twnic.net/english/dn/dn_07a.htm

// xn--nnx388a ("Taiwan", Chinese, variant) : TW

// xn--j1amh ("ukr", Cyrillic) : UA

// xn--mgb2ddes ("AlYemen", Arabic) : YE

// xxx : <http://icmregistry.com>

xxx

// ye : http://www.y.net.ye/services/domain_name.htm

*.ye

// za : <https://www.zadna.org.za/content/page/domain-information/>

ac.za

agric.za

alt.za

co.za

edu.za

gov.za

grondar.za

law.za

mil.za

net.za

ngo.za

nic.za

nis.za

nom.za

org.za

school.za

tm.za

web.za

//

zm : <https://zicta.zm/>

// Submitted by registry <info@zicta.zm>

zm

ac.zm

biz.zm

co.zm

com.zm

edu.zm

gov.zm
info.zm
mil.zm
net.zm
org.zm
sch.zm

// zw : <https://www.potraz.gov.zw/>
// Confirmed by registry <bmtengwa@potraz.gov.zw> 2017-01-25
zw
ac.zw
co.zw
gov.zw
mil.zw
org.zw

// newGTLDs

// List of new gTLDs imported from <https://www.icann.org/resources/registries/gtlds/v2/gtlds.json> on 2019-08-08T16:16:58Z
// This list is auto-generated, don't edit it manually.
// aaa : 2015-02-26 American Automobile Association, Inc.
aaa

// aarp : 2015-05-21 AARP
aarp

// abarth : 2015-07-30 Fiat Chrysler Automobiles N.V.
abarth

// abb : 2014-10-24 ABB Ltd
abb

// abbott : 2014-07-24 Abbott Laboratories, Inc.
abbott

// abbvie : 2015-07-30 AbbVie Inc.
abbvie

// abc : 2015-07-30 Disney Enterprises, Inc.
abc

// able : 2015-06-25 Able Inc.
able

// abogado : 2014-04-24 Minds + Machines Group Limited
abogado

//
abudhabi : 2015-07-30 Abu Dhabi Systems and Information Centre
abudhabi

// academy : 2013-11-07 Binky Moon, LLC
academy

// accenture : 2014-08-15 Accenture plc
accenture

// accountant : 2014-11-20 dot Accountant Limited
accountant

// accountants : 2014-03-20 Binky Moon, LLC
accountants

// aco : 2015-01-08 ACO Severin Ahlmann GmbH & Co. KG
aco

// actor : 2013-12-12 Dog Beach, LLC
actor

// adac : 2015-07-16 Allgemeiner Deutscher Automobil-Club e.V. (ADAC)
adac

// ads : 2014-12-04 Charleston Road Registry Inc.
ads

// adult : 2014-10-16 ICM Registry AD LLC
adult

// aeg : 2015-03-19 Aktiebolaget Electrolux
aeg

// aetna : 2015-05-21 Aetna Life Insurance Company
aetna

// afamilycompany : 2015-07-23 Johnson Shareholdings, Inc.
afamilycompany

// afl : 2014-10-02 Australian Football League
afl

// africa : 2014-03-24 ZA Central Registry NPC trading as Registry.Africa
africa

// agakhan : 2015-04-23 Fondation Aga Khan (Aga Khan Foundation)

agakhan

// agency : 2013-11-14

Binky Moon, LLC

agency

// aig : 2014-12-18 American International Group, Inc.

aig

// aigo : 2015-08-06 aigo Digital Technology Co,Ltd.

aigo

// airbus : 2015-07-30 Airbus S.A.S.

airbus

// airforce : 2014-03-06 Dog Beach, LLC

airforce

// airtel : 2014-10-24 Bharti Airtel Limited

airtel

// akdn : 2015-04-23 Fondation Aga Khan (Aga Khan Foundation)

akdn

// alfaromeo : 2015-07-31 Fiat Chrysler Automobiles N.V.

alfaromeo

// alibaba : 2015-01-15 Alibaba Group Holding Limited

alibaba

// alipay : 2015-01-15 Alibaba Group Holding Limited

alipay

// allfinanz : 2014-07-03 Allfinanz Deutsche Vermögensberatung Aktiengesellschaft

allfinanz

// allstate : 2015-07-31 Allstate Fire and Casualty Insurance Company

allstate

// ally : 2015-06-18 Ally Financial Inc.

ally

// alsace : 2014-07-02 Region Grand Est

alsace

// alstom : 2015-07-30 ALSTOM

alstom

// americanexpress : 2015-07-31 American Express Travel Related Services Company, Inc.

americanexpress

// americanfamily : 2015-07-23 AmFam,

Inc.

americanfamily

// amex : 2015-07-31 American Express Travel Related Services Company, Inc.

amex

// amfam : 2015-07-23 AmFam, Inc.

amfam

// amica : 2015-05-28 Amica Mutual Insurance Company

amica

// amsterdam : 2014-07-24 Gemeente Amsterdam

amsterdam

// analytics : 2014-12-18 Campus IP LLC

analytics

// android : 2014-08-07 Charleston Road Registry Inc.

android

// anquan : 2015-01-08 QIHOO 360 TECHNOLOGY CO. LTD.

anquan

// anz : 2015-07-31 Australia and New Zealand Banking Group Limited

anz

// aol : 2015-09-17 Oath Inc.

aol

// apartments : 2014-12-11 Binky Moon, LLC

apartments

// app : 2015-05-14 Charleston Road Registry Inc.

app

// apple : 2015-05-14 Apple Inc.

apple

// aquarelle : 2014-07-24 Aquarelle.com

aquarelle

// arab : 2015-11-12 League of Arab States

arab

// aramco : 2014-11-20 Aramco Services Company
aramco

// archi : 2014-02-06 Afiliis Limited
archi

// army : 2014-03-06 Dog Beach, LLC
army

// art : 2016-03-24 UK Creative Ideas Limited
art

// arte :
2014-12-11 Association Relative la Television Europeenne G.E.I.E.
arte

// asda : 2015-07-31 Wal-Mart Stores, Inc.
asda

// associates : 2014-03-06 Binky Moon, LLC
associates

// athleta : 2015-07-30 The Gap, Inc.
athleta

// attorney : 2014-03-20 Dog Beach, LLC
attorney

// auction : 2014-03-20 Dog Beach, LLC
auction

// audi : 2015-05-21 AUDI Aktiengesellschaft
audi

// audible : 2015-06-25 Amazon Registry Services, Inc.
audible

// audio : 2014-03-20 Uniregistry, Corp.
audio

// auspost : 2015-08-13 Australian Postal Corporation
auspost

// author : 2014-12-18 Amazon Registry Services, Inc.
author

// auto : 2014-11-13 CarsRegistry Limited

auto

// autos : 2014-01-09 DERAutos, LLC

autos

// avianca : 2015-01-08 Aerovias del Continente Americano S.A. Avianca

avianca

// aws : 2015-06-25 Amazon Registry Services, Inc.

aws

// axa : 2013-12-19 AXA SA

axa

// azure : 2014-12-18 Microsoft Corporation

azure

// baby : 2015-04-09 XYZ.COM LLC

baby

// baidu : 2015-01-08 Baidu, Inc.

baidu

//

banamex : 2015-07-30 Citigroup Inc.

banamex

// bananarepublic : 2015-07-31 The Gap, Inc.

bananarepublic

// band : 2014-06-12 Dog Beach, LLC

band

// bank : 2014-09-25 fTLD Registry Services LLC

bank

// bar : 2013-12-12 Punto 2012 Sociedad Anonima Promotora de Inversion de Capital Variable

bar

// barcelona : 2014-07-24 Municipi de Barcelona

barcelona

// barclaycard : 2014-11-20 Barclays Bank PLC

barclaycard

// barclays : 2014-11-20 Barclays Bank PLC

barclays

// barefoot : 2015-06-11 Gallo Vineyards, Inc.
barefoot

// bargains : 2013-11-14 Binky Moon, LLC
bargains

// baseball : 2015-10-29 MLB Advanced Media DH, LLC
baseball

// basketball : 2015-08-20 Fdration Internationale de Basketball (FIBA)
basketball

// bauhaus : 2014-04-17 Werkhaus GmbH
bauhaus

// bayern : 2014-01-23 Bayern Connect GmbH
bayern

// bbc : 2014-12-18 British Broadcasting Corporation
bbc

// bbt : 2015-07-23 BB&T Corporation
bbt

// bbva : 2014-10-02 BANCO BILBAO VIZCAYA ARGENTARIA, S.A.
bbva

//
bcg : 2015-04-02 The Boston Consulting Group, Inc.
bcg

// bcn : 2014-07-24 Municipi de Barcelona
bcn

// beats : 2015-05-14 Beats Electronics, LLC
beats

// beauty : 2015-12-03 L'Oral
beauty

// beer : 2014-01-09 Minds + Machines Group Limited
beer

// bentley : 2014-12-18 Bentley Motors Limited
bentley

// berlin : 2013-10-31 dotBERLIN GmbH & Co. KG
berlin

// best : 2013-12-19 BestTLD Pty Ltd
best

// bestbuy : 2015-07-31 BBY Solutions, Inc.
bestbuy

// bet : 2015-05-07 Afiliias Limited
bet

// bharti : 2014-01-09 Bharti Enterprises (Holding) Private Limited
bharti

// bible : 2014-06-19 American Bible Society
bible

// bid : 2013-12-19 dot Bid Limited
bid

// bike : 2013-08-27 Binky Moon, LLC
bike

// bing : 2014-12-18 Microsoft Corporation
bing

// bingo : 2014-12-04 Binky Moon, LLC
bingo

// bio : 2014-03-06 Afiliias Limited
bio

// black : 2014-01-16 Afiliias Limited
black

// blackfriday : 2014-01-16 Uniregistry, Corp.
blackfriday

// blockbuster : 2015-07-30 Dish DBS Corporation
blockbuster

//
blog : 2015-05-14 Knock Knock WHOIS There, LLC
blog

// bloomberg : 2014-07-17 Bloomberg IP Holdings LLC
bloomberg

// blue : 2013-11-07 Afiliias Limited

blue

// bms : 2014-10-30 Bristol-Myers Squibb Company

bms

// bmw : 2014-01-09 Bayerische Motoren Werke Aktiengesellschaft

bmw

// bnpparibas : 2014-05-29 BNP Paribas

bnpparibas

// boats : 2014-12-04 DERBoats, LLC

boats

// boehringer : 2015-07-09 Boehringer Ingelheim International GmbH

boehringer

// bofa : 2015-07-31 Bank of America Corporation

bofa

// bom : 2014-10-16 Ncleo de Informao e Coordenao do Ponto BR - NIC.br

bom

// bond : 2014-06-05 ShortDot SA

bond

// boo : 2014-01-30 Charleston Road Registry Inc.

boo

// book : 2015-08-27 Amazon Registry Services, Inc.

book

// booking : 2015-07-16 Booking.com B.V.

booking

// bosch : 2015-06-18 Robert Bosch GMBH

bosch

// bostik : 2015-05-28 Bostik SA

bostik

// boston : 2015-12-10 Boston TLD Management, LLC

boston

// bot : 2014-12-18 Amazon Registry

Services, Inc.

bot

// boutique : 2013-11-14 Binky Moon, LLC
boutique

// box : 2015-11-12 .BOX INC.
box

// bradesco : 2014-12-18 Banco Bradesco S.A.
bradesco

// bridgestone : 2014-12-18 Bridgestone Corporation
bridgestone

// broadway : 2014-12-22 Celebrate Broadway, Inc.
broadway

// broker : 2014-12-11 Dotbroker Registry Limited
broker

// brother : 2015-01-29 Brother Industries, Ltd.
brother

// brussels : 2014-02-06 DNS.be vzw
brussels

// budapest : 2013-11-21 Minds + Machines Group Limited
budapest

// bugatti : 2015-07-23 Bugatti International SA
bugatti

// build : 2013-11-07 Plan Bee LLC
build

// builders : 2013-11-07 Binky Moon, LLC
builders

// business : 2013-11-07 Binky Moon, LLC
business

// buy : 2014-12-18 Amazon Registry Services, Inc.
buy

// buzz : 2013-10-02 DOTSTRATEGY CO.
buzz

// bzh : 2014-02-27 Association www.bzh
bzh

// cab : 2013-10-24 Binky Moon, LLC
cab

// cafe : 2015-02-11 Binky Moon, LLC
cafe

// cal : 2014-07-24 Charleston Road Registry Inc.
cal

//
call : 2014-12-18 Amazon Registry Services, Inc.
call

// calvinklein : 2015-07-30 PVH gTLD Holdings LLC
calvinklein

// cam : 2016-04-21 AC Webconnecting Holding B.V.
cam

// camera : 2013-08-27 Binky Moon, LLC
camera

// camp : 2013-11-07 Binky Moon, LLC
camp

// cancerresearch : 2014-05-15 Australian Cancer Research Foundation
cancerresearch

// canon : 2014-09-12 Canon Inc.
canon

// capetown : 2014-03-24 ZA Central Registry NPC trading as ZA Central Registry
capetown

// capital : 2014-03-06 Binky Moon, LLC
capital

// capitalone : 2015-08-06 Capital One Financial Corporation
capitalone

// car : 2015-01-22 CarsRegistry Limited
car

// caravan : 2013-12-12 Caravan International, Inc.
caravan

// cards : 2013-12-05 Binky Moon, LLC
cards

// care : 2014-03-06 Binky Moon, LLC

care

// career : 2013-10-09 dotCareer LLC

career

// careers : 2013-10-02 Binky Moon, LLC

careers

// cars : 2014-11-13 CarsRegistry Limited

cars

// cartier : 2014-06-23 Richemont DNS Inc.

cartier

//

casa : 2013-11-21 Minds + Machines Group Limited

casa

// case : 2015-09-03 CNH Industrial N.V.

case

// caseih : 2015-09-03 CNH Industrial N.V.

caseih

// cash : 2014-03-06 Binky Moon, LLC

cash

// casino : 2014-12-18 Binky Moon, LLC

casino

// catering : 2013-12-05 Binky Moon, LLC

catering

// catholic : 2015-10-21 Pontificium Consilium de Communicationibus Socialibus (PCCS) (Pontifical Council for Social Communication)

catholic

// cba : 2014-06-26 COMMONWEALTH BANK OF AUSTRALIA

cba

// cbn : 2014-08-22 The Christian Broadcasting Network, Inc.

cbn

// cbre : 2015-07-02 CBRE, Inc.

cbre

// cbs : 2015-08-06 CBS Domains Inc.
cbs

// ceb : 2015-04-09 The Corporate Executive Board Company
ceb

// center : 2013-11-07 Binky Moon, LLC
center

// ceo : 2013-11-07 CEOTLD Pty Ltd
ceo

// cern : 2014-06-05 European Organization for Nuclear Research ("CERN")
cern

// cfa : 2014-08-28 CFA Institute
cfa

// cfd : 2014-12-11 DotCFD Registry Limited
cfd

// chanel : 2015-04-09 Chanel International B.V.
chanel

//
channel : 2014-05-08 Charleston Road Registry Inc.
channel

// charity : 2018-04-11 Binky Moon, LLC
charity

// chase : 2015-04-30 JPMorgan Chase Bank, National Association
chase

// chat : 2014-12-04 Binky Moon, LLC
chat

// cheap : 2013-11-14 Binky Moon, LLC
cheap

// chintai : 2015-06-11 CHINTAI Corporation
chintai

// christmas : 2013-11-21 Uniregistry, Corp.
christmas

// chrome : 2014-07-24 Charleston Road Registry Inc.
chrome

// chrysler : 2015-07-30 FCA US LLC.
chrysler

// church : 2014-02-06 Binky Moon, LLC
church

// cipriani : 2015-02-19 Hotel Cipriani Srl
cipriani

// circle : 2014-12-18 Amazon Registry Services, Inc.
circle

// cisco : 2014-12-22 Cisco Technology, Inc.
cisco

// citadel : 2015-07-23 Citadel Domain LLC
citadel

// citi : 2015-07-30 Citigroup Inc.
citi

// citic : 2014-01-09 CITIC Group Corporation
citic

// city : 2014-05-29 Binky Moon, LLC
city

// cityeats : 2014-12-11 Lifestyle Domain Holdings, Inc.
cityeats

// claims : 2014-03-20 Binky
Moon, LLC
claims

// cleaning : 2013-12-05 Binky Moon, LLC
cleaning

// click : 2014-06-05 Uniregistry, Corp.
click

// clinic : 2014-03-20 Binky Moon, LLC
clinic

// clinique : 2015-10-01 The Este Lauder Companies Inc.
clinique

// clothing : 2013-08-27 Binky Moon, LLC

clothing

// cloud : 2015-04-16 Aruba PEC S.p.A.

cloud

// club : 2013-11-08 .CLUB DOMAINS, LLC

club

// clubmed : 2015-06-25 Club Mditerrane S.A.

clubmed

// coach : 2014-10-09 Binky Moon, LLC

coach

// codes : 2013-10-31 Binky Moon, LLC

codes

// coffee : 2013-10-17 Binky Moon, LLC

coffee

// college : 2014-01-16 XYZ.COM LLC

college

// cologne : 2014-02-05 dotKoeln GmbH

cologne

// comcast : 2015-07-23 Comcast IP Holdings I, LLC

comcast

// commbank : 2014-06-26 COMMONWEALTH BANK OF AUSTRALIA

commbank

// community : 2013-12-05 Binky Moon, LLC

community

// company : 2013-11-07 Binky Moon, LLC

company

// compare : 2015-10-08 Registry Services, LLC

compare

// computer : 2013-10-24 Binky Moon, LLC

computer

//

comsec : 2015-01-08 VeriSign, Inc.

comsec

// condos : 2013-12-05 Binky Moon, LLC
condos

// construction : 2013-09-16 Binky Moon, LLC
construction

// consulting : 2013-12-05 Dog Beach, LLC
consulting

// contact : 2015-01-08 Dog Beach, LLC
contact

// contractors : 2013-09-10 Binky Moon, LLC
contractors

// cooking : 2013-11-21 Minds + Machines Group Limited
cooking

// cookingchannel : 2015-07-02 Lifestyle Domain Holdings, Inc.
cookingchannel

// cool : 2013-11-14 Binky Moon, LLC
cool

// corsica : 2014-09-25 Collectivité de Corse
corsica

// country : 2013-12-19 DotCountry LLC
country

// coupon : 2015-02-26 Amazon Registry Services, Inc.
coupon

// coupons : 2015-03-26 Binky Moon, LLC
coupons

// courses : 2014-12-04 OPEN UNIVERSITIES AUSTRALIA PTY LTD
courses

// cpa : 2019-06-10 American Institute of Certified Public Accountants
cpa

// credit : 2014-03-20 Binky Moon, LLC
credit

// creditcard : 2014-03-20 Binky Moon, LLC
creditcard

// creditunion : 2015-01-22 CUNA Performance
Resources, LLC
creditunion

// cricket : 2014-10-09 dot Cricket Limited
cricket

// crown : 2014-10-24 Crown Equipment Corporation
crown

// crs : 2014-04-03 Federated Co-operatives Limited
crs

// cruise : 2015-12-10 Viking River Cruises (Bermuda) Ltd.
cruise

// cruises : 2013-12-05 Binky Moon, LLC
cruises

// csc : 2014-09-25 Alliance-One Services, Inc.
csc

// cuisinella : 2014-04-03 SCHMIDT GROUPE S.A.S.
cuisinella

// cymru : 2014-05-08 Nominet UK
cymru

// cyou : 2015-01-22 Beijing Gamease Age Digital Technology Co., Ltd.
cyou

// dabur : 2014-02-06 Dabur India Limited
dabur

// dad : 2014-01-23 Charleston Road Registry Inc.
dad

// dance : 2013-10-24 Dog Beach, LLC
dance

// data : 2016-06-02 Dish DBS Corporation
data

// date : 2014-11-20 dot Date Limited
date

// dating : 2013-12-05 Binky Moon, LLC
dating

// datsun : 2014-03-27 NISSAN MOTOR CO., LTD.
datsun

// day : 2014-01-30 Charleston Road Registry Inc.
day

// dclk : 2014-11-20 Charleston Road Registry Inc.
dclk

// dds
: 2015-05-07 Minds + Machines Group Limited
dds

// deal : 2015-06-25 Amazon Registry Services, Inc.
deal

// dealer : 2014-12-22 InterCap Registry Inc.
dealer

// deals : 2014-05-22 Binky Moon, LLC
deals

// degree : 2014-03-06 Dog Beach, LLC
degree

// delivery : 2014-09-11 Binky Moon, LLC
delivery

// dell : 2014-10-24 Dell Inc.
dell

// deloitte : 2015-07-31 Deloitte Touche Tohmatsu
deloitte

// delta : 2015-02-19 Delta Air Lines, Inc.
delta

// democrat : 2013-10-24 Dog Beach, LLC
democrat

// dental : 2014-03-20 Binky Moon, LLC
dental

// dentist : 2014-03-20 Dog Beach, LLC
dentist

// desi : 2013-11-14 Desi Networks LLC

desi

// design : 2014-11-07 Top Level Design, LLC
design

// dev : 2014-10-16 Charleston Road Registry Inc.
dev

// dhl : 2015-07-23 Deutsche Post AG
dhl

// diamonds : 2013-09-22 Binky Moon, LLC
diamonds

// diet : 2014-06-26 Uniregistry, Corp.
diet

// digital : 2014-03-06 Binky Moon, LLC
digital

// direct : 2014-04-10 Binky Moon, LLC
direct

// directory :
2013-09-20 Binky Moon, LLC
directory

// discount : 2014-03-06 Binky Moon, LLC
discount

// discover : 2015-07-23 Discover Financial Services
discover

// dish : 2015-07-30 Dish DBS Corporation
dish

// diy : 2015-11-05 Lifestyle Domain Holdings, Inc.
diy

// dnp : 2013-12-13 Dai Nippon Printing Co., Ltd.
dnp

// docs : 2014-10-16 Charleston Road Registry Inc.
docs

// doctor : 2016-06-02 Binky Moon, LLC
doctor

// dodge : 2015-07-30 FCA US LLC.
dodge

// dog : 2014-12-04 Binky Moon, LLC
dog

// domains : 2013-10-17 Binky Moon, LLC
domains

// dot : 2015-05-21 Dish DBS Corporation
dot

// download : 2014-11-20 dot Support Limited
download

// drive : 2015-03-05 Charleston Road Registry Inc.
drive

// dtv : 2015-06-04 Dish DBS Corporation
dtv

// dubai : 2015-01-01 Dubai Smart Government Department
dubai

// duck : 2015-07-23 Johnson Shareholdings, Inc.
duck

// dunlop : 2015-07-02 The Goodyear Tire & Rubber Company
dunlop

// duns : 2015-08-06 The Dun & Bradstreet Corporation
duns

//
dupont : 2015-06-25 E. I. du Pont de Nemours and Company
dupont

// durban : 2014-03-24 ZA Central Registry NPC trading as ZA Central Registry
durban

// dvag : 2014-06-23 Deutsche Vermögensberatung Aktiengesellschaft DVAG
dvag

// dvr : 2016-05-26 DISH Technologies L.L.C.
dvr

// earth : 2014-12-04 Interlink Co., Ltd.
earth

// eat : 2014-01-23 Charleston Road Registry Inc.

eat

// eco : 2016-07-08 Big Room Inc.

eco

// edeka : 2014-12-18 EDEKA Verband kaufmännischer Genossenschaften e.V.

edeka

// education : 2013-11-07 Binky Moon, LLC

education

// email : 2013-10-31 Binky Moon, LLC

email

// emerck : 2014-04-03 Merck KGaA

emerck

// energy : 2014-09-11 Binky Moon, LLC

energy

// engineer : 2014-03-06 Dog Beach, LLC

engineer

// engineering : 2014-03-06 Binky Moon, LLC

engineering

// enterprises : 2013-09-20 Binky Moon, LLC

enterprises

// epson : 2014-12-04 Seiko Epson Corporation

epson

// equipment : 2013-08-27 Binky Moon, LLC

equipment

// ericsson : 2015-07-09 Telefonaktiebolaget

L M Ericsson

ericsson

// erni : 2014-04-03 ERNI Group Holding AG

erni

// esq : 2014-05-08 Charleston Road Registry Inc.

esq

// estate : 2013-08-27 Binky Moon, LLC

estate

// esurance : 2015-07-23 Esurance Insurance Company
esurance

// etisalat : 2015-09-03 Emirates Telecommunications Corporation (trading as Etisalat)
etisalat

// eurovision : 2014-04-24 European Broadcasting Union (EBU)
eurovision

// eus : 2013-12-12 Puntueus Fundazioa
eus

// events : 2013-12-05 Binky Moon, LLC
events

// everbank : 2014-05-15 EverBank
everbank

// exchange : 2014-03-06 Binky Moon, LLC
exchange

// expert : 2013-11-21 Binky Moon, LLC
expert

// exposed : 2013-12-05 Binky Moon, LLC
exposed

// express : 2015-02-11 Binky Moon, LLC
express

// extraspace : 2015-05-14 Extra Space Storage LLC
extraspace

// fage : 2014-12-18 Fage International S.A.
fage

// fail : 2014-03-06 Binky Moon, LLC
fail

// fairwinds : 2014-11-13 FairWinds Partners, LLC
fairwinds

// faith : 2014-11-20 dot Faith Limited
faith

//

family : 2015-04-02 Dog Beach, LLC

family

// fan : 2014-03-06 Dog Beach, LLC

fan

// fans : 2014-11-07 ZDNS International Limited

fans

// farm : 2013-11-07 Binky Moon, LLC

farm

// farmers : 2015-07-09 Farmers Insurance Exchange

farmers

// fashion : 2014-07-03 Minds + Machines Group Limited

fashion

// fast : 2014-12-18 Amazon Registry Services, Inc.

fast

// fedex : 2015-08-06 Federal Express Corporation

fedex

// feedback : 2013-12-19 Top Level Spectrum, Inc.

feedback

// ferrari : 2015-07-31 Fiat Chrysler Automobiles N.V.

ferrari

// ferrero : 2014-12-18 Ferrero Trading Lux S.A.

ferrero

// fiat : 2015-07-31 Fiat Chrysler Automobiles N.V.

fiat

// fidelity : 2015-07-30 Fidelity Brokerage Services LLC

fidelity

// fido : 2015-08-06 Rogers Communications Canada Inc.

fido

// film : 2015-01-08 Motion Picture Domain Registry Pty Ltd

film

// final : 2014-10-16 Ncleo de Informao e Coordenao do Ponto BR - NIC.br

final

// finance : 2014-03-20 Binky Moon, LLC

finance

//

financial : 2014-03-06 Binky Moon, LLC

financial

// fire : 2015-06-25 Amazon Registry Services, Inc.

fire

// firestone : 2014-12-18 Bridgestone Licensing Services, Inc

firestone

// firmdale : 2014-03-27 Firmdale Holdings Limited

firmdale

// fish : 2013-12-12 Binky Moon, LLC

fish

// fishing : 2013-11-21 Minds + Machines Group Limited

fishing

// fit : 2014-11-07 Minds + Machines Group Limited

fit

// fitness : 2014-03-06 Binky Moon, LLC

fitness

// flickr : 2015-04-02 Yahoo! Domain Services Inc.

flickr

// flights : 2013-12-05 Binky Moon, LLC

flights

// flir : 2015-07-23 FLIR Systems, Inc.

flir

// florist : 2013-11-07 Binky Moon, LLC

florist

// flowers : 2014-10-09 Uniregistry, Corp.

flowers

// fly : 2014-05-08 Charleston Road Registry Inc.

fly

// foo : 2014-01-23 Charleston Road Registry Inc.

foo

// food : 2016-04-21 Lifestyle Domain Holdings, Inc.
food

// foodnetwork : 2015-07-02 Lifestyle Domain Holdings, Inc.
foodnetwork

// football : 2014-12-18 Binky Moon, LLC
football

//
ford : 2014-11-13 Ford Motor Company
ford

// forex : 2014-12-11 Dotforex Registry Limited
forex

// forsale : 2014-05-22 Dog Beach, LLC
forsale

// forum : 2015-04-02 Fegistry, LLC
forum

// foundation : 2013-12-05 Binky Moon, LLC
foundation

// fox : 2015-09-11 FOX Registry, LLC
fox

// free : 2015-12-10 Amazon Registry Services, Inc.
free

// fresenius : 2015-07-30 Fresenius Immobilien-Verwaltungs-GmbH
fresenius

// frl : 2014-05-15 FRLregistry B.V.
frl

// frogans : 2013-12-19 OP3FT
frogans

// frontdoor : 2015-07-02 Lifestyle Domain Holdings, Inc.
frontdoor

// frontier : 2015-02-05 Frontier Communications Corporation
frontier

// ftr : 2015-07-16 Frontier Communications Corporation

fti

// fujitsu : 2015-07-30 Fujitsu Limited
fujitsu

// fujixerox : 2015-07-23 Xerox DNHC LLC
fujixerox

// fun : 2016-01-14 DotSpace Inc.
fun

// fund : 2014-03-20 Binky Moon, LLC
fund

// furniture : 2014-03-20 Binky Moon, LLC
furniture

// futbol : 2013-09-20 Dog Beach, LLC
futbol

// fyi
: 2015-04-02 Binky Moon, LLC
fyi

// gal : 2013-11-07 Asociacin puntoGAL
gal

// gallery : 2013-09-13 Binky Moon, LLC
gallery

// gallo : 2015-06-11 Gallo Vineyards, Inc.
gallo

// gallup : 2015-02-19 Gallup, Inc.
gallup

// game : 2015-05-28 Uniregistry, Corp.
game

// games : 2015-05-28 Dog Beach, LLC
games

// gap : 2015-07-31 The Gap, Inc.
gap

// garden : 2014-06-26 Minds + Machines Group Limited
garden

// gay : 2019-05-23 Top Level Design, LLC
gay

// gbiz : 2014-07-17 Charleston Road Registry Inc.
gbiz

// gdn : 2014-07-31 Joint Stock Company "Navigation-information systems"
gdn

// gea : 2014-12-04 GEA Group Aktiengesellschaft
gea

// gent : 2014-01-23 COMBELL NV
gent

// genting : 2015-03-12 Resorts World Inc Pte. Ltd.
genting

// george : 2015-07-31 Wal-Mart Stores, Inc.
george

// ggee : 2014-01-09 GMO Internet, Inc.
ggee

// gift : 2013-10-17 DotGift, LLC
gift

// gifts : 2014-07-03 Binky Moon, LLC
gifts

// gives : 2014-03-06 Dog Beach, LLC
gives

// giving : 2014-11-13
Giving Limited
giving

// glade : 2015-07-23 Johnson Shareholdings, Inc.
glade

// glass : 2013-11-07 Binky Moon, LLC
glass

// gle : 2014-07-24 Charleston Road Registry Inc.
gle

// global : 2014-04-17 Dot Global Domain Registry Limited
global

// globo : 2013-12-19 Globo Comunicacao e Participaes S.A
globo

// gmail : 2014-05-01 Charleston Road Registry Inc.
gmail

// gmbh : 2016-01-29 Binky Moon, LLC
gmbh

// gmo : 2014-01-09 GMO Internet Pte. Ltd.
gmo

// gmx : 2014-04-24 1&1 Mail & Media GmbH
gmx

// godaddy : 2015-07-23 Go Daddy East, LLC
godaddy

// gold : 2015-01-22 Binky Moon, LLC
gold

// goldpoint : 2014-11-20 YODOBASHI CAMERA CO.,LTD.
goldpoint

// golf : 2014-12-18 Binky Moon, LLC
golf

// goo : 2014-12-18 NTT Resonant Inc.
goo

// goodyear : 2015-07-02 The Goodyear Tire & Rubber Company
goodyear

// goog : 2014-11-20 Charleston Road Registry Inc.
goog

// google : 2014-07-24 Charleston Road Registry Inc.
google

// gop : 2014-01-16 Republican State Leadership Committee,
Inc.
gop

// got : 2014-12-18 Amazon Registry Services, Inc.
got

// grainger : 2015-05-07 Grainger Registry Services, LLC

grainger

// graphics : 2013-09-13 Binky Moon, LLC
graphics

// gratis : 2014-03-20 Binky Moon, LLC
gratis

// green : 2014-05-08 Afiliias Limited
green

// gripe : 2014-03-06 Binky Moon, LLC
gripe

// grocery : 2016-06-16 Wal-Mart Stores, Inc.
grocery

// group : 2014-08-15 Binky Moon, LLC
group

// guardian : 2015-07-30 The Guardian Life Insurance Company of America
guardian

// gucci : 2014-11-13 Guccio Gucci S.p.a.
gucci

// guge : 2014-08-28 Charleston Road Registry Inc.
guge

// guide : 2013-09-13 Binky Moon, LLC
guide

// guitars : 2013-11-14 Uniregistry, Corp.
guitars

// guru : 2013-08-27 Binky Moon, LLC
guru

// hair : 2015-12-03 L'Oral
hair

// hamburg : 2014-02-20 Hamburg Top-Level-Domain GmbH
hamburg

// hangout : 2014-11-13 Charleston Road Registry Inc.
hangout

// haus : 2013-12-05 Dog Beach, LLC

haus

// hbo : 2015-07-30 HBO Registry Services,
Inc.
hbo

// hdfc : 2015-07-30 HOUSING DEVELOPMENT FINANCE CORPORATION LIMITED
hdfc

// hdfcbank : 2015-02-12 HDFC Bank Limited
hdfcbank

// health : 2015-02-11 DotHealth, LLC
health

// healthcare : 2014-06-12 Binky Moon, LLC
healthcare

// help : 2014-06-26 Uniregistry, Corp.
help

// helsinki : 2015-02-05 City of Helsinki
helsinki

// here : 2014-02-06 Charleston Road Registry Inc.
here

// hermes : 2014-07-10 HERMES INTERNATIONAL
hermes

// hgtv : 2015-07-02 Lifestyle Domain Holdings, Inc.
hgtv

// hiphop : 2014-03-06 Uniregistry, Corp.
hiphop

// hisamitsu : 2015-07-16 Hisamitsu Pharmaceutical Co.,Inc.
hisamitsu

// hitachi : 2014-10-31 Hitachi, Ltd.
hitachi

// hiv : 2014-03-13 Uniregistry, Corp.
hiv

// hkt : 2015-05-14 PCCW-HKT DataCom Services Limited
hkt

// hockey : 2015-03-19 Binky Moon, LLC

hockey

// holdings : 2013-08-27 Binky Moon, LLC

holdings

// holiday : 2013-11-07 Binky Moon, LLC

holiday

// homedepot : 2015-04-02 Home Depot Product Authority, LLC

homedepot

//

homegoods : 2015-07-16 The TJX Companies, Inc.

homegoods

// homes : 2014-01-09 DERHomes, LLC

homes

// homesense : 2015-07-16 The TJX Companies, Inc.

homesense

// honda : 2014-12-18 Honda Motor Co., Ltd.

honda

// horse : 2013-11-21 Minds + Machines Group Limited

horse

// hospital : 2016-10-20 Binky Moon, LLC

hospital

// host : 2014-04-17 DotHost Inc.

host

// hosting : 2014-05-29 Uniregistry, Corp.

hosting

// hot : 2015-08-27 Amazon Registry Services, Inc.

hot

// hoteles : 2015-03-05 Travel Reservations SRL

hoteles

// hotels : 2016-04-07 Booking.com B.V.

hotels

// hotmail : 2014-12-18 Microsoft Corporation

hotmail

// house : 2013-11-07 Binky Moon, LLC
house

// how : 2014-01-23 Charleston Road Registry Inc.
how

// hsbc : 2014-10-24 HSBC Global Services (UK) Limited
hsbc

// hughes : 2015-07-30 Hughes Satellite Systems Corporation
hughes

// hyatt : 2015-07-30 Hyatt GTLD, L.L.C.
hyatt

// hyundai : 2015-07-09 Hyundai Motor Company
hyundai

// ibm : 2014-07-31 International
Business Machines Corporation
ibm

// icbc : 2015-02-19 Industrial and Commercial Bank of China Limited
icbc

// ice : 2014-10-30 IntercontinentalExchange, Inc.
ice

// icu : 2015-01-08 ShortDot SA
icu

// ieee : 2015-07-23 IEEE Global LLC
ieee

// ifm : 2014-01-30 ifm electronic gmbh
ifm

// ikano : 2015-07-09 Ikano S.A.
ikano

// imamat : 2015-08-06 Fondation Aga Khan (Aga Khan Foundation)
imamat

// imdb : 2015-06-25 Amazon Registry Services, Inc.
imdb

// immo : 2014-07-10 Binky Moon, LLC

immo

// immobilien : 2013-11-07 Dog Beach, LLC
immobilien

// inc : 2018-03-10 Intercap Registry Inc.
inc

// industries : 2013-12-05 Binky Moon, LLC
industries

// infiniti : 2014-03-27 NISSAN MOTOR CO., LTD.
infiniti

// ing : 2014-01-23 Charleston Road Registry Inc.
ing

// ink : 2013-12-05 Top Level Design, LLC
ink

// institute : 2013-11-07 Binky Moon, LLC
institute

// insurance : 2015-02-19 fTLD Registry Services LLC
insurance

// insure : 2014-03-20 Binky Moon, LLC
insure

// intel : 2015-08-06
Intel Corporation
intel

// international : 2013-11-07 Binky Moon, LLC
international

// intuit : 2015-07-30 Intuit Administrative Services, Inc.
intuit

// investments : 2014-03-20 Binky Moon, LLC
investments

// ipiranga : 2014-08-28 Ipiranga Produtos de Petroleo S.A.
ipiranga

// irish : 2014-08-07 Binky Moon, LLC
irish

// ismaili : 2015-08-06 Fondation Aga Khan (Aga Khan Foundation)

ismaili

// ist : 2014-08-28 Istanbul Metropolitan Municipality

ist

// istanbul : 2014-08-28 Istanbul Metropolitan Municipality

istanbul

// itau : 2014-10-02 Itau Unibanco Holding S.A.

itau

// itv : 2015-07-09 ITV Services Limited

itv

// iveco : 2015-09-03 CNH Industrial N.V.

iveco

// jaguar : 2014-11-13 Jaguar Land Rover Ltd

jaguar

// java : 2014-06-19 Oracle Corporation

java

// jcb : 2014-11-20 JCB Co., Ltd.

jcb

// jcp : 2015-04-23 JCP Media, Inc.

jcp

// jeep : 2015-07-30 FCA US LLC.

jeep

// jetzt : 2014-01-09 Binky Moon, LLC

jetzt

// jewelry : 2015-03-05 Binky Moon, LLC

jewelry

//

jio : 2015-04-02 Reliance Industries Limited

jio

// jll : 2015-04-02 Jones Lang LaSalle Incorporated

jll

// jmp : 2015-03-26 Matrix IP LLC

jmp

// jnj : 2015-06-18 Johnson & Johnson Services, Inc.
jnj

// joburg : 2014-03-24 ZA Central Registry NPC trading as ZA Central Registry
joburg

// jot : 2014-12-18 Amazon Registry Services, Inc.
jot

// joy : 2014-12-18 Amazon Registry Services, Inc.
joy

// jpmorgan : 2015-04-30 JPMorgan Chase Bank, National Association
jpmorgan

// jprs : 2014-09-18 Japan Registry Services Co., Ltd.
jprs

// juegos : 2014-03-20 Uniregistry, Corp.
juegos

// juniper : 2015-07-30 JUNIPER NETWORKS, INC.
juniper

// kaufen : 2013-11-07 Dog Beach, LLC
kaufen

// kddi : 2014-09-12 KDDI CORPORATION
kddi

// kerryhotels : 2015-04-30 Kerry Trading Co. Limited
kerryhotels

// kerrylogistics : 2015-04-09 Kerry Trading Co. Limited
kerrylogistics

// kerryproperties : 2015-04-09 Kerry Trading Co. Limited
kerryproperties

// kfh : 2014-12-04 Kuwait Finance House
kfh

//
kia : 2015-07-09 KIA MOTORS CORPORATION
kia

// kim : 2013-09-23 Afiliias Limited

kim

// kinder : 2014-11-07 Ferrero Trading Lux S.A.

kinder

// kindle : 2015-06-25 Amazon Registry Services, Inc.

kindle

// kitchen : 2013-09-20 Binky Moon, LLC

kitchen

// kiwi : 2013-09-20 DOT KIWI LIMITED

kiwi

// koeln : 2014-01-09 dotKoeln GmbH

koeln

// komatsu : 2015-01-08 Komatsu Ltd.

komatsu

// kosher : 2015-08-20 Kosher Marketing Assets LLC

kosher

// kpmg : 2015-04-23 KPMG International Cooperative (KPMG International Genossenschaft)

kpmg

// kpn : 2015-01-08 Koninklijke KPN N.V.

kpn

// krd : 2013-12-05 KRG Department of Information Technology

krd

// kred : 2013-12-19 KredTLD Pty Ltd

kred

// kuokgroup : 2015-04-09 Kerry Trading Co. Limited

kuokgroup

// kyoto : 2014-11-07 Academic Institution: Kyoto Jyoho Gakuen

kyoto

// lacaixa : 2014-01-09 Fundacin Bancaria Caixa d'Estalvis i Pensions de Barcelona, la Caixa

lacaixa

// ladbrokes : 2015-08-06 LADBROKES INTERNATIONAL PLC

ladbrokes

//

lamborghini : 2015-06-04 Automobili Lamborghini S.p.A.

lamborghini

// lamer : 2015-10-01 The Este Lauder Companies Inc.

lamer

// lancaster : 2015-02-12 LANCASTER

lancaster

// lancia : 2015-07-31 Fiat Chrysler Automobiles N.V.

lancia

// lancome : 2015-07-23 L'Oral

lancome

// land : 2013-09-10 Binky Moon, LLC

land

// landrover : 2014-11-13 Jaguar Land Rover Ltd

landrover

// lanxess : 2015-07-30 LANXESS Corporation

lanxess

// lasalle : 2015-04-02 Jones Lang LaSalle Incorporated

lasalle

// lat : 2014-10-16 ECOM-LAC Federacin de Latinoamrica y el Caribe para Internet y el Comercio Electronico

lat

// latino : 2015-07-30 Dish DBS Corporation

latino

// latrobe : 2014-06-16 La Trobe University

latrobe

// law : 2015-01-22 LW TLD Limited

law

// lawyer : 2014-03-20 Dog Beach, LLC

lawyer

// lds : 2014-03-20 IRI Domain Management, LLC ("Applicant")

lds

// lease : 2014-03-06 Binky Moon, LLC

lease

// leclerc : 2014-08-07 A.C.D. LEC Association des Centres Distributeurs

Edouard Leclerc

leclerc

// lefrak : 2015-07-16 LeFrak Organization, Inc.

lefrak

// legal : 2014-10-16 Binky Moon, LLC

legal

// lego : 2015-07-16 LEGO Juris A/S

lego

// lexus : 2015-04-23 TOYOTA MOTOR CORPORATION

lexus

// lgbt : 2014-05-08 Afilias Limited

lgbt

// liaison : 2014-10-02 Liaison Technologies, Incorporated

liaison

// lidl : 2014-09-18 Schwarz Domains und Services GmbH & Co. KG

lidl

// life : 2014-02-06 Binky Moon, LLC

life

// lifeinsurance : 2015-01-15 American Council of Life Insurers

lifeinsurance

// lifestyle : 2014-12-11 Lifestyle Domain Holdings, Inc.

lifestyle

// lighting : 2013-08-27 Binky Moon, LLC

lighting

// like : 2014-12-18 Amazon Registry Services, Inc.

like

// lilly : 2015-07-31 Eli Lilly and Company

lilly

// limited : 2014-03-06 Binky Moon, LLC

limited

// limo : 2013-10-17 Binky Moon, LLC

limo

// lincoln : 2014-11-13 Ford Motor Company
lincoln

// linde : 2014-12-04 Linde Aktiengesellschaft
linde

// link : 2013-11-14 Uniregistry, Corp.
link

//
lipsy : 2015-06-25 Lipsy Ltd
lipsy

// live : 2014-12-04 Dog Beach, LLC
live

// living : 2015-07-30 Lifestyle Domain Holdings, Inc.
living

// lixil : 2015-03-19 LIXIL Group Corporation
lixil

// llc : 2017-12-14 Afilias Limited
llc

// loan : 2014-11-20 dot Loan Limited
loan

// loans : 2014-03-20 Binky Moon, LLC
loans

// locker : 2015-06-04 Dish DBS Corporation
locker

// locus : 2015-06-25 Locus Analytics LLC
locus

// loft : 2015-07-30 Annco, Inc.
loft

// lol : 2015-01-30 Uniregistry, Corp.
lol

// london : 2013-11-14 Dot London Domains Limited
london

// lotte : 2014-11-07 Lotte Holdings Co., Ltd.

lotte

// lotto : 2014-04-10 Afiliias Limited

lotto

// love : 2014-12-22 Merchant Law Group LLP

love

// lpl : 2015-07-30 LPL Holdings, Inc.

lpl

// lplfinancial : 2015-07-30 LPL Holdings, Inc.

lplfinancial

// ltd : 2014-09-25 Binky Moon, LLC

ltd

// ltda : 2014-04-17 InterNetX, Corp

ltda

// lundbeck : 2015-08-06 H. Lundbeck A/S

lundbeck

// lupin : 2014-11-07 LUPIN LIMITED

lupin

//

luxe : 2014-01-09 Minds + Machines Group Limited

luxe

// luxury : 2013-10-17 Luxury Partners, LLC

luxury

// macys : 2015-07-31 Macys, Inc.

macys

// madrid : 2014-05-01 Comunidad de Madrid

madrid

// maif : 2014-10-02 Mutuelle Assurance Instituteur France (MAIF)

maif

// maison : 2013-12-05 Binky Moon, LLC

maison

// makeup : 2015-01-15 L'Oral

makeup

// man : 2014-12-04 MAN SE

man

// management : 2013-11-07 Binky Moon, LLC

management

// mango : 2013-10-24 PUNTO FA S.L.

mango

// map : 2016-06-09 Charleston Road Registry Inc.

map

// market : 2014-03-06 Dog Beach, LLC

market

// marketing : 2013-11-07 Binky Moon, LLC

marketing

// markets : 2014-12-11 Dotmarkets Registry Limited

markets

// marriott : 2014-10-09 Marriott Worldwide Corporation

marriott

// marshalls : 2015-07-16 The TJX Companies, Inc.

marshalls

// maserati : 2015-07-31 Fiat Chrysler Automobiles N.V.

maserati

// mattel : 2015-08-06 Mattel Sites, Inc.

mattel

// mba : 2015-04-02 Binky Moon, LLC

mba

// mckinsey

: 2015-07-31 McKinsey Holdings, Inc.

mckinsey

// med : 2015-08-06 Medistry LLC

med

// media : 2014-03-06 Binky Moon, LLC

media

// meet : 2014-01-16 Charleston Road Registry Inc.

meet

// melbourne : 2014-05-29 The Crown in right of the State of Victoria, represented by its Department of State
Development, Business and Innovation
melbourne

// meme : 2014-01-30 Charleston Road Registry Inc.
meme

// memorial : 2014-10-16 Dog Beach, LLC
memorial

// men : 2015-02-26 Exclusive Registry Limited
men

// menu : 2013-09-11 Dot Menu Registry, LLC
menu

// merckmsd : 2016-07-14 MSD Registry Holdings, Inc.
merckmsd

// metlife : 2015-05-07 MetLife Services and Solutions, LLC
metlife

// miami : 2013-12-19 Minds + Machines Group Limited
miami

// microsoft : 2014-12-18 Microsoft Corporation
microsoft

// mini : 2014-01-09 Bayerische Motoren Werke Aktiengesellschaft
mini

// mint : 2015-07-30 Intuit Administrative Services, Inc.
mint

// mit : 2015-07-02 Massachusetts Institute of Technology
mit

//
mitsubishi : 2015-07-23 Mitsubishi Corporation
mitsubishi

// mlb : 2015-05-21 MLB Advanced Media DH, LLC
mlb

// mls : 2015-04-23 The Canadian Real Estate Association
mls

// mma : 2014-11-07 MMA IARD

mma

// mobile : 2016-06-02 Dish DBS Corporation

mobile

// mobily : 2014-12-18 GreenTech Consultancy Company W.L.L.

mobily

// moda : 2013-11-07 Dog Beach, LLC

moda

// moe : 2013-11-13 Interlink Co., Ltd.

moe

// moi : 2014-12-18 Amazon Registry Services, Inc.

moi

// mom : 2015-04-16 Uniregistry, Corp.

mom

// monash : 2013-09-30 Monash University

monash

// money : 2014-10-16 Binky Moon, LLC

money

// monster : 2015-09-11 XYZ.COM LLC

monster

// mopar : 2015-07-30 FCA US LLC.

mopar

// mormon : 2013-12-05 IRI Domain Management, LLC ("Applicant")

mormon

// mortgage : 2014-03-20 Dog Beach, LLC

mortgage

// moscow : 2013-12-19 Foundation for Assistance for Internet Technologies and Infrastructure Development (FAITID)

moscow

// moto : 2015-06-04 Motorola Trademark Holdings, LLC

moto

//

motorcycles : 2014-01-09 DERMotorcycles, LLC
motorcycles

// mov : 2014-01-30 Charleston Road Registry Inc.
mov

// movie : 2015-02-05 Binky Moon, LLC
movie

// movistar : 2014-10-16 Telefonica S.A.
movistar

// msd : 2015-07-23 MSD Registry Holdings, Inc.
msd

// mtn : 2014-12-04 MTN Dubai Limited
mtn

// mtr : 2015-03-12 MTR Corporation Limited
mtr

// mutual : 2015-04-02 Northwestern Mutual MU TLD Registry, LLC
mutual

// nab : 2015-08-20 National Australia Bank Limited
nab

// nadex : 2014-12-11 Nadex Domains, Inc.
nadex

// nagoya : 2013-10-24 GMO Registry, Inc.
nagoya

// nationwide : 2015-07-23 Nationwide Mutual Insurance Company
nationwide

// natura : 2015-03-12 NATURA COSMETICOS S.A.
natura

// navy : 2014-03-06 Dog Beach, LLC
navy

// nba : 2015-07-31 NBA REGISTRY, LLC
nba

// nec : 2015-01-08 NEC Corporation
nec

// netbank : 2014-06-26 COMMONWEALTH BANK OF AUSTRALIA

netbank

// netflix : 2015-06-18 Netflix, Inc.

netflix

// network : 2013-11-14 Binky Moon, LLC

network

//

neustar : 2013-12-05 Registry Services, LLC

neustar

// new : 2014-01-30 Charleston Road Registry Inc.

new

// newholland : 2015-09-03 CNH Industrial N.V.

newholland

// news : 2014-12-18 Dog Beach, LLC

news

// next : 2015-06-18 Next plc

next

// nextdirect : 2015-06-18 Next plc

nextdirect

// nexus : 2014-07-24 Charleston Road Registry Inc.

nexus

// nfl : 2015-07-23 NFL Reg Ops LLC

nfl

// ngo : 2014-03-06 Public Interest Registry

ngo

// nhk : 2014-02-13 Japan Broadcasting Corporation (NHK)

nhk

// nico : 2014-12-04 DWANGO Co., Ltd.

nico

// nike : 2015-07-23 NIKE, Inc.

nike

// nikon : 2015-05-21 NIKON CORPORATION

nikon

// ninja : 2013-11-07 Dog Beach, LLC

ninja

// nissan : 2014-03-27 NISSAN MOTOR CO., LTD.

nissan

// nissay : 2015-10-29 Nippon Life Insurance Company

nissay

// nokia : 2015-01-08 Nokia Corporation

nokia

// northwesternmutual : 2015-06-18 Northwestern Mutual Registry, LLC

northwesternmutual

// norton : 2014-12-04 Symantec Corporation

norton

// now

: 2015-06-25 Amazon Registry Services, Inc.

now

// nowruz : 2014-09-04 Asia Green IT System Bilgisayar San. ve Tic. Ltd. Sti.

nowruz

// nowtv : 2015-05-14 Starbucks (HK) Limited

nowtv

// nra : 2014-05-22 NRA Holdings Company, INC.

nra

// nrw : 2013-11-21 Minds + Machines GmbH

nrw

// ntt : 2014-10-31 NIPPON TELEGRAPH AND TELEPHONE CORPORATION

ntt

// nyc : 2014-01-23 The City of New York by and through the New York City Department of Information
Technology & Telecommunications

nyc

// obi : 2014-09-25 OBI Group Holding SE & Co. KGaA

obi

// observer : 2015-04-30 Top Level Spectrum, Inc.

observer

// off : 2015-07-23 Johnson Shareholdings, Inc.

off

// office : 2015-03-12 Microsoft Corporation

office

// okinawa : 2013-12-05 BRregistry, Inc.

okinawa

// olayan : 2015-05-14 Crescent Holding GmbH

olayan

// olayangroup : 2015-05-14 Crescent Holding GmbH

olayangroup

// oldnavy : 2015-07-31 The Gap, Inc.

oldnavy

// ollo : 2015-06-04 Dish DBS Corporation

ollo

// omega : 2015-01-08 The

Swatch Group Ltd

omega

// one : 2014-11-07 One.com A/S

one

// ong : 2014-03-06 Public Interest Registry

ong

// onl : 2013-09-16 I-Registry Ltd.

onl

// online : 2015-01-15 DotOnline Inc.

online

// onyourside : 2015-07-23 Nationwide Mutual Insurance Company

onyourside

// ooo : 2014-01-09 INFIBEAM AVENUES LIMITED

ooo

// open : 2015-07-31 American Express Travel Related Services Company, Inc.

open

// oracle : 2014-06-19 Oracle Corporation

oracle

// orange : 2015-03-12 Orange Brand Services Limited

orange

// organic : 2014-03-27 Afiliias Limited

organic

// origins : 2015-10-01 The Este Lauder Companies Inc.

origins

// osaka : 2014-09-04 Osaka Registry Co., Ltd.

osaka

// otsuka : 2013-10-11 Otsuka Holdings Co., Ltd.

otsuka

// ott : 2015-06-04 Dish DBS Corporation

ott

// ovh : 2014-01-16 MdiaBC

ovh

// page : 2014-12-04 Charleston Road Registry Inc.

page

// panasonic : 2015-07-30 Panasonic Corporation

panasonic

// paris : 2014-01-30 City of Paris

paris

// pars : 2014-09-04

Asia Green IT System Bilgisayar San. ve Tic. Ltd. Sti.

pars

// partners : 2013-12-05 Binky Moon, LLC

partners

// parts : 2013-12-05 Binky Moon, LLC

parts

// party : 2014-09-11 Blue Sky Registry Limited

party

// passagens : 2015-03-05 Travel Reservations SRL

passagens

// pay : 2015-08-27 Amazon Registry Services, Inc.

pay

// pccw : 2015-05-14 PCCW Enterprises Limited
pccw

// pet : 2015-05-07 Afiliias Limited
pet

// pfizer : 2015-09-11 Pfizer Inc.
pfizer

// pharmacy : 2014-06-19 National Association of Boards of Pharmacy
pharmacy

// phd : 2016-07-28 Charleston Road Registry Inc.
phd

// philips : 2014-11-07 Koninklijke Philips N.V.
philips

// phone : 2016-06-02 Dish DBS Corporation
phone

// photo : 2013-11-14 Uniregistry, Corp.
photo

// photography : 2013-09-20 Binky Moon, LLC
photography

// photos : 2013-10-17 Binky Moon, LLC
photos

// physio : 2014-05-01 PhysBiz Pty Ltd
physio

// piaget : 2014-10-16 Richemont DNS Inc.
piaget

// pics : 2013-11-14 Uniregistry, Corp.
pics

//
pictet : 2014-06-26 Pictet Europe S.A.
pictet

// pictures : 2014-03-06 Binky Moon, LLC
pictures

// pid : 2015-01-08 Top Level Spectrum, Inc.

pid

// pin : 2014-12-18 Amazon Registry Services, Inc.

pin

// ping : 2015-06-11 Ping Registry Provider, Inc.

ping

// pink : 2013-10-01 Afilias Limited

pink

// pioneer : 2015-07-16 Pioneer Corporation

pioneer

// pizza : 2014-06-26 Binky Moon, LLC

pizza

// place : 2014-04-24 Binky Moon, LLC

place

// play : 2015-03-05 Charleston Road Registry Inc.

play

// playstation : 2015-07-02 Sony Interactive Entertainment Inc.

playstation

// plumbing : 2013-09-10 Binky Moon, LLC

plumbing

// plus : 2015-02-05 Binky Moon, LLC

plus

// pnc : 2015-07-02 PNC Domain Co., LLC

pnc

// pohl : 2014-06-23 Deutsche Vermögensberatung Aktiengesellschaft DVAG

pohl

// poker : 2014-07-03 Afilias Limited

poker

// politie : 2015-08-20 Politie Nederland

politie

// porn : 2014-10-16 ICM Registry PN LLC

porn

// pramerica : 2015-07-30 Prudential Financial, Inc.
pramerica

//
praxi : 2013-12-05 Praxi S.p.A.
praxi

// press : 2014-04-03 DotPress Inc.
press

// prime : 2015-06-25 Amazon Registry Services, Inc.
prime

// prod : 2014-01-23 Charleston Road Registry Inc.
prod

// productions : 2013-12-05 Binky Moon, LLC
productions

// prof : 2014-07-24 Charleston Road Registry Inc.
prof

// progressive : 2015-07-23 Progressive Casualty Insurance Company
progressive

// promo : 2014-12-18 Afiliias Limited
promo

// properties : 2013-12-05 Binky Moon, LLC
properties

// property : 2014-05-22 Uniregistry, Corp.
property

// protection : 2015-04-23 XYZ.COM LLC
protection

// pru : 2015-07-30 Prudential Financial, Inc.
pru

// prudential : 2015-07-30 Prudential Financial, Inc.
prudential

// pub : 2013-12-12 Dog Beach, LLC
pub

// pwc : 2015-10-29 PricewaterhouseCoopers LLP
pwc

// qpon : 2013-11-14 dotCOOL, Inc.
qpon

// quebec : 2013-12-19 PointQubec Inc
quebec

// quest : 2015-03-26 Quest ION Limited
quest

// qvc : 2015-07-30 QVC, Inc.
qvc

// racing
: 2014-12-04 Premier Registry Limited
racing

// radio : 2016-07-21 European Broadcasting Union (EBU)
radio

// raid : 2015-07-23 Johnson Shareholdings, Inc.
raid

// read : 2014-12-18 Amazon Registry Services, Inc.
read

// realestate : 2015-09-11 dotRealEstate LLC
realestate

// realtor : 2014-05-29 Real Estate Domains LLC
realtor

// realty : 2015-03-19 Fegistry, LLC
realty

// recipes : 2013-10-17 Binky Moon, LLC
recipes

// red : 2013-11-07 Afiliias Limited
red

// redstone : 2014-10-31 Redstone Haute Couture Co., Ltd.
redstone

// redumbrella : 2015-03-26 Travelers TLD, LLC
redumbrella

// rehab : 2014-03-06 Dog Beach, LLC

rehab

// reise : 2014-03-13 Binky Moon, LLC
reise

// reisen : 2014-03-06 Binky Moon, LLC
reisen

// reit : 2014-09-04 National Association of Real Estate Investment Trusts, Inc.
reit

// reliance : 2015-04-02 Reliance Industries Limited
reliance

// ren : 2013-12-12 Beijing Qianxiang Wangjing Technology Development Co., Ltd.
ren

// rent : 2014-12-04 XYZ.COM
LLC
rent

// rentals : 2013-12-05 Binky Moon, LLC
rentals

// repair : 2013-11-07 Binky Moon, LLC
repair

// report : 2013-12-05 Binky Moon, LLC
report

// republican : 2014-03-20 Dog Beach, LLC
republican

// rest : 2013-12-19 Punto 2012 Sociedad Anonima Promotora de Inversion de Capital Variable
rest

// restaurant : 2014-07-03 Binky Moon, LLC
restaurant

// review : 2014-11-20 dot Review Limited
review

// reviews : 2013-09-13 Dog Beach, LLC
reviews

// rexroth : 2015-06-18 Robert Bosch GMBH
rexroth

// rich : 2013-11-21 I-Registry Ltd.
rich

// richardli : 2015-05-14 Pacific Century Asset Management (HK) Limited
richardli

// ricoh : 2014-11-20 Ricoh Company, Ltd.
ricoh

// rightathome : 2015-07-23 Johnson Shareholdings, Inc.
rightathome

// ril : 2015-04-02 Reliance Industries Limited
ril

// rio : 2014-02-27 Empresa Municipal de Informtica SA - IPLANRIO
rio

// rip : 2014-07-10 Dog Beach, LLC
rip

// rmit : 2015-11-19 Royal Melbourne Institute of Technology
rmit

// rocher
: 2014-12-18 Ferrero Trading Lux S.A.
rocher

// rocks : 2013-11-14 Dog Beach, LLC
rocks

// rodeo : 2013-12-19 Minds + Machines Group Limited
rodeo

// rogers : 2015-08-06 Rogers Communications Canada Inc.
rogers

// room : 2014-12-18 Amazon Registry Services, Inc.
room

// rsvp : 2014-05-08 Charleston Road Registry Inc.
rsvp

// rugby : 2016-12-15 World Rugby Strategic Developments Limited
rugby

// ruhr : 2013-10-02 regiodot GmbH & Co. KG
ruhr

// run : 2015-03-19 Binky Moon, LLC
run

// rwe : 2015-04-02 RWE AG
rwe

// ryukyu : 2014-01-09 BRregistry, Inc.
ryukyu

// saarland : 2013-12-12 dotSaarland GmbH
saarland

// safe : 2014-12-18 Amazon Registry Services, Inc.
safe

// safety : 2015-01-08 Safety Registry Services, LLC.
safety

// sakura : 2014-12-18 SAKURA Internet Inc.
sakura

// sale : 2014-10-16 Dog Beach, LLC
sale

// salon : 2014-12-11 Binky Moon, LLC
salon

// samsclub : 2015-07-31 Wal-Mart Stores, Inc.
samsclub

// samsung : 2014-04-03 SAMSUNG SDS CO., LTD
samsung

// sandvik
: 2014-11-13 Sandvik AB
sandvik

// sandvikcoromant : 2014-11-07 Sandvik AB
sandvikcoromant

// sanofi : 2014-10-09 Sanofi
sanofi

// sap : 2014-03-27 SAP AG
sap

// sarl : 2014-07-03 Binky Moon, LLC

sarl

// sas : 2015-04-02 Research IP LLC

sas

// save : 2015-06-25 Amazon Registry Services, Inc.

save

// saxo : 2014-10-31 Saxo Bank A/S

saxo

// sbi : 2015-03-12 STATE BANK OF INDIA

sbi

// sbs : 2014-11-07 SPECIAL BROADCASTING SERVICE CORPORATION

sbs

// sca : 2014-03-13 SVENSKA CELLULOSA AKTIEBOLAGET SCA (publ)

sca

// scb : 2014-02-20 The Siam Commercial Bank Public Company Limited ("SCB")

scb

// schaeffler : 2015-08-06 Schaeffler Technologies AG & Co. KG

schaeffler

// schmidt : 2014-04-03 SCHMIDT GROUPE S.A.S.

schmidt

// scholarships : 2014-04-24 Scholarships.com, LLC

scholarships

// school : 2014-12-18 Binky Moon, LLC

school

// schule : 2014-03-06 Binky Moon, LLC

schule

// schwarz : 2014-09-18 Schwarz Domains und Services GmbH & Co. KG

schwarz

// science : 2014-09-11

dot Science Limited

science

// scjohnson : 2015-07-23 Johnson Shareholdings, Inc.

scjohnson

// scor : 2014-10-31 SCOR SE
scor

// scot : 2014-01-23 Dot Scot Registry Limited
scot

// search : 2016-06-09 Charleston Road Registry Inc.
search

// seat : 2014-05-22 SEAT, S.A. (Sociedad Unipersonal)
seat

// secure : 2015-08-27 Amazon Registry Services, Inc.
secure

// security : 2015-05-14 XYZ.COM LLC
security

// seek : 2014-12-04 Seek Limited
seek

// select : 2015-10-08 Registry Services, LLC
select

// sener : 2014-10-24 Sener Ingeniera y Sistemas, S.A.
sener

// services : 2014-02-27 Binky Moon, LLC
services

// ses : 2015-07-23 SES
ses

// seven : 2015-08-06 Seven West Media Ltd
seven

// sew : 2014-07-17 SEW-EURODRIVE GmbH & Co KG
sew

// sex : 2014-11-13 ICM Registry SX LLC
sex

// sexy : 2013-09-11 Uniregistry, Corp.
sexy

// sfr : 2015-08-13 Societe Francaise du Radiotelephone - SFR
sfr

// shangrila : 2015-09-03 ShangriLa International Hotel Management Limited

shangrila

//

sharp : 2014-05-01 Sharp Corporation

sharp

// shaw : 2015-04-23 Shaw Cablesystems G.P.

shaw

// shell : 2015-07-30 Shell Information Technology International Inc

shell

// shia : 2014-09-04 Asia Green IT System Bilgisayar San. ve Tic. Ltd. Sti.

shia

// shiksha : 2013-11-14 Afiliias Limited

shiksha

// shoes : 2013-10-02 Binky Moon, LLC

shoes

// shop : 2016-04-08 GMO Registry, Inc.

shop

// shopping : 2016-03-31 Binky Moon, LLC

shopping

// shouji : 2015-01-08 QIHOO 360 TECHNOLOGY CO. LTD.

shouji

// show : 2015-03-05 Binky Moon, LLC

show

// showtime : 2015-08-06 CBS Domains Inc.

showtime

// shriram : 2014-01-23 Shriram Capital Ltd.

shriram

// silk : 2015-06-25 Amazon Registry Services, Inc.

silk

// sina : 2015-03-12 Sina Corporation

sina

// singles : 2013-08-27 Binky Moon, LLC

singles

// site : 2015-01-15 DotSite Inc.
site

// ski : 2015-04-09 Afiliias Limited
ski

// skin : 2015-01-15 L'Oral
skin

// sky : 2014-06-19 Sky International AG
sky

// skype : 2014-12-18 Microsoft
Corporation
skype

// sling : 2015-07-30 DISH Technologies L.L.C.
sling

// smart : 2015-07-09 Smart Communications, Inc. (SMART)
smart

// smile : 2014-12-18 Amazon Registry Services, Inc.
smile

// sncf : 2015-02-19 Socit Nationale des Chemins de fer Francais S N C F
sncf

// soccer : 2015-03-26 Binky Moon, LLC
soccer

// social : 2013-11-07 Dog Beach, LLC
social

// softbank : 2015-07-02 SoftBank Group Corp.
softbank

// software : 2014-03-20 Dog Beach, LLC
software

// sohu : 2013-12-19 Sohu.com Limited
sohu

// solar : 2013-11-07 Binky Moon, LLC
solar

// solutions : 2013-11-07 Binky Moon, LLC

solutions

// song : 2015-02-26 Amazon Registry Services, Inc.
song

// sony : 2015-01-08 Sony Corporation
sony

// soy : 2014-01-23 Charleston Road Registry Inc.
soy

// space : 2014-04-03 DotSpace Inc.
space

// sport : 2017-11-16 Global Association of International Sports Federations (GAISF)
sport

// spot : 2015-02-26 Amazon Registry Services, Inc.
spot

// spreadbetting : 2014-12-11
Dotspreadbetting Registry Limited
spreadbetting

// srl : 2015-05-07 InterNetX, Corp
srl

// srt : 2015-07-30 FCA US LLC.
srt

// stada : 2014-11-13 STADA Arzneimittel AG
stada

// staples : 2015-07-30 Staples, Inc.
staples

// star : 2015-01-08 Star India Private Limited
star

// statebank : 2015-03-12 STATE BANK OF INDIA
statebank

// statefarm : 2015-07-30 State Farm Mutual Automobile Insurance Company
statefarm

// stc : 2014-10-09 Saudi Telecom Company
stc

// stcgroup : 2014-10-09 Saudi Telecom Company
stcgroup

// stockholm : 2014-12-18 Stockholms kommun
stockholm

// storage : 2014-12-22 XYZ.COM LLC
storage

// store : 2015-04-09 DotStore Inc.
store

// stream : 2016-01-08 dot Stream Limited
stream

// studio : 2015-02-11 Dog Beach, LLC
studio

// study : 2014-12-11 OPEN UNIVERSITIES AUSTRALIA PTY LTD
study

// style : 2014-12-04 Binky Moon, LLC
style

// sucks : 2014-12-22 Vox Populi Registry Ltd.
sucks

// supplies : 2013-12-19 Binky Moon, LLC
supplies

// supply : 2013-12-19
Binky Moon, LLC
supply

// support : 2013-10-24 Binky Moon, LLC
support

// surf : 2014-01-09 Minds + Machines Group Limited
surf

// surgery : 2014-03-20 Binky Moon, LLC
surgery

// suzuki : 2014-02-20 SUZUKI MOTOR CORPORATION
suzuki

// swatch : 2015-01-08 The Swatch Group Ltd
swatch

// swiftcover : 2015-07-23 Swiftcover Insurance Services Limited
swiftcover

// swiss : 2014-10-16 Swiss Confederation
swiss

// sydney : 2014-09-18 State of New South Wales, Department of Premier and Cabinet
sydney

// symantec : 2014-12-04 Symantec Corporation
symantec

// systems : 2013-11-07 Binky Moon, LLC
systems

// tab : 2014-12-04 Tabcorp Holdings Limited
tab

// taipei : 2014-07-10 Taipei City Government
taipei

// talk : 2015-04-09 Amazon Registry Services, Inc.
talk

// taobao : 2015-01-15 Alibaba Group Holding Limited
taobao

// target : 2015-07-31 Target Domain Holdings, LLC
target

// tatamotors : 2015-03-12 Tata Motors Ltd
tatamotors

// tatar : 2014-04-24 Limited Liability Company
"Coordination Center of Regional Domain of Tatarstan Republic"
tatar

// tattoo : 2013-08-30 Uniregistry, Corp.
tattoo

// tax : 2014-03-20 Binky Moon, LLC
tax

// taxi : 2015-03-19 Binky Moon, LLC
taxi

// tci : 2014-09-12 Asia Green IT System Bilgisayar San. ve Tic. Ltd. Sti.

tc

// tdk : 2015-06-11 TDK Corporation
tdk

// team : 2015-03-05 Binky Moon, LLC
team

// tech : 2015-01-30 Personals TLD Inc.
tech

// technology : 2013-09-13 Binky Moon, LLC
technology

// telefonica : 2014-10-16 Telefonica S.A.
telefonica

// temasek : 2014-08-07 Temasek Holdings (Private) Limited
temasek

// tennis : 2014-12-04 Binky Moon, LLC
tennis

// teva : 2015-07-02 Teva Pharmaceutical Industries Limited
teva

// thd : 2015-04-02 Home Depot Product Authority, LLC
thd

// theater : 2015-03-19 Binky Moon, LLC
theater

// theatre : 2015-05-07 XYZ.COM LLC
theatre

// tiaa : 2015-07-23 Teachers Insurance and Annuity Association of America
tiaa

// tickets : 2015-02-05 Accent Media Limited
tickets

// tienda
: 2013-11-14 Binky Moon, LLC
tienda

// tiffany : 2015-01-30 Tiffany and Company
tiffany

// tips : 2013-09-20 Binky Moon, LLC
tips

// tires : 2014-11-07 Binky Moon, LLC
tires

// tirol : 2014-04-24 punkt Tirol GmbH
tirol

// tjmaxx : 2015-07-16 The TJX Companies, Inc.
tjmaxx

// tjsx : 2015-07-16 The TJX Companies, Inc.
tjsx

// tkmaxx : 2015-07-16 The TJX Companies, Inc.
tkmaxx

// tmall : 2015-01-15 Alibaba Group Holding Limited
tmall

// today : 2013-09-20 Binky Moon, LLC
today

// tokyo : 2013-11-13 GMO Registry, Inc.
tokyo

// tools : 2013-11-21 Binky Moon, LLC
tools

// top : 2014-03-20 .TOP Registry
top

// toray : 2014-12-18 Toray Industries, Inc.
toray

// toshiba : 2014-04-10 TOSHIBA Corporation
toshiba

// total : 2015-08-06 Total SA
total

// tours : 2015-01-22 Binky Moon, LLC
tours

// town : 2014-03-06 Binky Moon, LLC
town

// toyota : 2015-04-23 TOYOTA MOTOR CORPORATION
toyota

// toys : 2014-03-06 Binky Moon, LLC
toys

// trade : 2014-01-23 Elite Registry Limited
trade

//
trading : 2014-12-11 Dottrading Registry Limited
trading

// training : 2013-11-07 Binky Moon, LLC
training

// travel : Dog Beach, LLC
travel

// travelchannel : 2015-07-02 Lifestyle Domain Holdings, Inc.
travelchannel

// travelers : 2015-03-26 Travelers TLD, LLC
travelers

// travelersinsurance : 2015-03-26 Travelers TLD, LLC
travelersinsurance

// trust : 2014-10-16 NCC Group Inc.
trust

// trv : 2015-03-26 Travelers TLD, LLC
trv

// tube : 2015-06-11 Latin American Telecom LLC
tube

// tui : 2014-07-03 TUI AG
tui

// tunes : 2015-02-26 Amazon Registry Services, Inc.
tunes

// tushu : 2014-12-18 Amazon Registry Services, Inc.
tushu

// tvs : 2015-02-19 T V SUNDRAM IYENGAR & SONS LIMITED
tvs

// ubank : 2015-08-20 National Australia Bank Limited
ubank

// ubs : 2014-12-11 UBS AG
ubs

// uconnect : 2015-07-30 FCA US LLC.
uconnect

// unicom : 2015-10-15 China United Network Communications Corporation Limited
unicom

// university : 2014-03-06 Binky Moon, LLC
university

//
uno : 2013-09-11 Dot Latin LLC
uno

// uol : 2014-05-01 UBN INTERNET LTDA.
uol

// ups : 2015-06-25 UPS Market Driver, Inc.
ups

// vacations : 2013-12-05 Binky Moon, LLC
vacations

// vana : 2014-12-11 Lifestyle Domain Holdings, Inc.
vana

// vanguard : 2015-09-03 The Vanguard Group, Inc.
vanguard

// vegas : 2014-01-16 Dot Vegas, Inc.
vegas

// ventures : 2013-08-27 Binky Moon, LLC
ventures

// verisign : 2015-08-13 VeriSign, Inc.
verisign

// versicherung : 2014-03-20 tldbox GmbH
versicherung

// vet : 2014-03-06 Dog Beach, LLC

vet

// viajes : 2013-10-17 Binky Moon, LLC
viajes

// video : 2014-10-16 Dog Beach, LLC
video

// vig : 2015-05-14 VIENNA INSURANCE GROUP AG Wiener Versicherung Gruppe
vig

// viking : 2015-04-02 Viking River Cruises (Bermuda) Ltd.
viking

// villas : 2013-12-05 Binky Moon, LLC
villas

// vin : 2015-06-18 Binky Moon, LLC
vin

// vip : 2015-01-22 Minds + Machines Group Limited
vip

// virgin : 2014-09-25 Virgin Enterprises Limited
virgin

// visa : 2015-07-30
Visa Worldwide Pte. Limited
visa

// vision : 2013-12-05 Binky Moon, LLC
vision

// vistaprint : 2014-09-18 Vistaprint Limited
vistaprint

// viva : 2014-11-07 Saudi Telecom Company
viva

// vivo : 2015-07-31 Telefonica Brasil S.A.
vivo

// vlaanderen : 2014-02-06 DNS.be vzw
vlaanderen

// vodka : 2013-12-19 Minds + Machines Group Limited
vodka

// volkswagen : 2015-05-14 Volkswagen Group of America Inc.
volkswagen

// volvo : 2015-11-12 Volvo Holding Sverige Aktiebolag
volvo

// vote : 2013-11-21 Monolith Registry LLC
vote

// voting : 2013-11-13 Valuetainment Corp.
voting

// voto : 2013-11-21 Monolith Registry LLC
voto

// voyage : 2013-08-27 Binky Moon, LLC
voyage

// vuelos : 2015-03-05 Travel Reservations SRL
vuelos

// wales : 2014-05-08 Nominet UK
wales

// walmart : 2015-07-31 Wal-Mart Stores, Inc.
walmart

// walter : 2014-11-13 Sandvik AB
walter

// wang : 2013-10-24 Zodiac Wang Limited
wang

// wanggou : 2014-12-18 Amazon Registry Services, Inc.
wanggou

// warman : 2015-06-18
Weir Group IP Limited
warman

// watch : 2013-11-14 Binky Moon, LLC
watch

// watches : 2014-12-22 Richemont DNS Inc.
watches

// weather : 2015-01-08 International Business Machines Corporation
weather

// weatherchannel : 2015-03-12 International Business Machines Corporation
weatherchannel

// webcam : 2014-01-23 dot Webcam Limited
webcam

// weber : 2015-06-04 Saint-Gobain Weber SA
weber

// website : 2014-04-03 DotWebsite Inc.
website

// wed : 2013-10-01 Atgron, Inc.
wed

// wedding : 2014-04-24 Minds + Machines Group Limited
wedding

// weibo : 2015-03-05 Sina Corporation
weibo

// weir : 2015-01-29 Weir Group IP Limited
weir

// whoswho : 2014-02-20 Who's Who Registry
whoswho

// wien : 2013-10-28 punkt.wien GmbH
wien

// wiki : 2013-11-07 Top Level Design, LLC
wiki

// williamhill : 2014-03-13 William Hill Organization Limited
williamhill

// win : 2014-11-20 First Registry Limited
win

// windows : 2014-12-18 Microsoft Corporation
windows

// wine : 2015-06-18 Binky Moon,
LLC
wine

// winners : 2015-07-16 The TJX Companies, Inc.

winners

// wme : 2014-02-13 William Morris Endeavor Entertainment, LLC
wme

// wolterskluwer : 2015-08-06 Wolters Kluwer N.V.
wolterskluwer

// woodside : 2015-07-09 Woodside Petroleum Limited
woodside

// work : 2013-12-19 Minds + Machines Group Limited
work

// works : 2013-11-14 Binky Moon, LLC
works

// world : 2014-06-12 Binky Moon, LLC
world

// wow : 2015-10-08 Amazon Registry Services, Inc.
wow

// wtc : 2013-12-19 World Trade Centers Association, Inc.
wtc

// wtf : 2014-03-06 Binky Moon, LLC
wtf

// xbox : 2014-12-18 Microsoft Corporation
xbox

// xerox : 2014-10-24 Xerox DNHC LLC
xerox

// xfinity : 2015-07-09 Comcast IP Holdings I, LLC
xfinity

// xihuan : 2015-01-08 QIHOO 360 TECHNOLOGY CO. LTD.
xihuan

// xin : 2014-12-11 Elegant Leader Limited
xin

// xn--11b4c3d : 2015-01-15 VeriSign Sarl

// xn--1ck2e1b : 2015-02-26 Amazon Registry Services, Inc.

// xn--1qqw23a : 2014-01-09 Guangzhou YU Wei
Information Technology Co., Ltd.

// xn--30rr7y : 2014-06-12 Excellent First Limited

// xn--3bst00m : 2013-09-13 Eagle Horizon Limited

// xn--3ds443g : 2013-09-08 TLD REGISTRY LIMITED

// xn--3oq18vl8pn36a : 2015-07-02 Volkswagen (China) Investment Co., Ltd.

// xn--3pxu8k : 2015-01-15 VeriSign Sarl

// xn--42c2d9a : 2015-01-15 VeriSign Sarl

// xn--45q11c : 2013-11-21 Zodiac Gemini Ltd

// xn--4gbrim : 2013-10-04 Suhub Electronic Establishment

// xn--55qw42g : 2013-11-08 China Organizational Name Administration Center

// xn--55qx5d : 2013-11-14 China Internet Network Information Center (CNNIC)

// xn--5su34j936bgsg : 2015-09-03 ShangriLa International Hotel Management Limited

// xn--5tzm5g : 2014-12-22 Global Website TLD Asia Limited

// xn--6frz82g : 2013-09-23 Afiliias Limited

// xn--6qq986b3xl : 2013-09-13 Tycoon Treasure Limited

// xn--80adxhks :
2013-12-19 Foundation for Assistance for Internet Technologies and Infrastructure Development (FAITID)

// xn--80aqecdr1a : 2015-10-21 Pontificium Consilium de Communicationibus Socialibus (PCCS) (Pontifical Council for Social Communication)

// xn--80asehdb : 2013-07-14 CORE Association

// xn--80aswg : 2013-07-14 CORE Association

// xn--8y0a063a : 2015-03-26 China United Network Communications Corporation Limited

// xn--9dbq2a : 2015-01-15 VeriSign Sarl

// xn--9et52u : 2014-06-12 RISE VICTORY LIMITED

// xn--9krt00a : 2015-03-12 Sina Corporation

// xn--b4w605ferd : 2014-08-07 Temasek Holdings (Private) Limited

// xn--bck1b9a5dre4c : 2015-02-26 Amazon Registry Services, Inc.

// xn--c1avg : 2013-11-14 Public Interest Registry

// xn--c2br7g : 2015-01-15 VeriSign Sarl

// xn--cck2b3b : 2015-02-26 Amazon Registry Services, Inc.

// xn--cg4bki : 2013-09-27
SAMSUNG SDS CO., LTD

// xn--czr694b : 2014-01-16 Dot Trademark TLD Holding Company Limited

// xn--czrs0t : 2013-12-19 Binky Moon, LLC

// xn--czru2d : 2013-11-21 Zodiac Aquarius Limited

// xn--d1acj3b : 2013-11-20 The Foundation for Network Initiatives The Smart Internet

// xn--eckvdtc9d : 2014-12-18 Amazon Registry Services, Inc.

// xn--efvy88h : 2014-08-22 Guangzhou YU Wei Information Technology Co., Ltd.

// xn--estv75g : 2015-02-19 Industrial and Commercial Bank of China Limited

// xn--fct429k : 2015-04-09 Amazon Registry Services, Inc.

// xn--fhbei : 2015-01-15 VeriSign Sarl

// xn--fiq228c5hs : 2013-09-08 TLD REGISTRY LIMITED

// xn--fiq64b : 2013-10-14 CITIC Group Corporation

// xn--fjq720a : 2014-05-22 Binky Moon, LLC

// xn--flw351e : 2014-07-31 Charleston Road Registry Inc.

// xn--fzys8d69uvgm : 2015-05-14 PCCW Enterprises Limited

// xn--g2xx48c
: 2015-01-30 Minds + Machines Group Limited

// xn--gckr3f0f : 2015-02-26 Amazon Registry Services, Inc.

// xn--gk3at1e : 2015-10-08 Amazon Registry Services, Inc.

// xn--hxt814e : 2014-05-15 Zodiac Taurus Limited

// xn--i1b6b1a6a2e : 2013-11-14 Public Interest Registry

// xn--imr513n : 2014-12-11 Dot Trademark TLD Holding Company Limited

// xn--io0a7i : 2013-11-14 China Internet Network Information Center (CNNIC)

// xn--j1aef : 2015-01-15 VeriSign Sarl

// xn--jlq61u9w7b : 2015-01-08 Nokia Corporation

// xn--jvr189m : 2015-02-26 Amazon Registry Services, Inc.

// xn--kcrx77d1x4a : 2014-11-07 Koninklijke Philips N.V.

// xn--kpu716f : 2014-12-22 Richemont DNS Inc.

// xn--kput3i : 2014-02-13 Beijing RITT-Net Technology Development Co., Ltd

// xn--mgba3a3ejt : 2014-11-20 Aramco Services Company

// xn--mgba7c0bbn0a : 2015-05-14 Crescent Holding GmbH

// xn--mgbaakc7dvf : 2015-09-03 Emirates Telecommunications Corporation (trading as Etisalat)

// xn--mgbab2bd : 2013-10-31 CORE Association

// xn--mgbb9fbpob : 2014-12-18 GreenTech Consultancy Company W.L.L.

// xn--mgbca7dzdo : 2015-07-30 Abu Dhabi Systems and Information Centre

// xn--mgbi4ecexp : 2015-10-21 Pontificium Consilium de Communicationibus Socialibus (PCCS) (Pontifical Council for Social Communication)

// xn--mgbt3dhd : 2014-09-04 Asia Green IT System Bilgisayar San. ve Tic. Ltd. Sti.

// xn--mk1bu44c : 2015-01-15 VeriSign Sarl

// xn--mxtq1m : 2014-03-06 Net-Chinese Co., Ltd.

// xn--ngbc5azd : 2013-07-13 International Domain Registry Pty. Ltd.

// xn--ngbe9e0a : 2014-12-04 Kuwait Finance House

// xn--ngbrx : 2015-11-12 League of Arab States

// xn--nqv7f : 2013-11-14 Public Interest Registry

// xn--nqv7fs00ema : 2013-11-14
Public Interest Registry

// xn--nyqy26a : 2014-11-07 Stable Tone Limited

// xn--otu796d : 2017-08-06 Dot Trademark TLD Holding Company Limited

// xn--p1acf : 2013-12-12 Rusnames Limited

// xn--pbt977c : 2014-12-22 Richemont DNS Inc.

// xn--pssy2u : 2015-01-15 VeriSign Sarl

// xn--q9jyb4c : 2013-09-17 Charleston Road Registry Inc.

// xn--qcka1pmc : 2014-07-31 Charleston Road Registry Inc.

// xn--rhqv96g : 2013-09-11 Stable Tone Limited

// xn--rovu88b : 2015-02-26 Amazon Registry Services, Inc.

// xn--ses554g : 2014-01-16 KNET Co., Ltd.

// xn--t60b56a : 2015-01-15 VeriSign Sarl

// xn--tckwe : 2015-01-15 VeriSign Sarl

// xn--tiq49xqyj : 2015-10-21 Pontificium Consilium de Communicationibus Socialibus (PCCS) (Pontifical Council for Social Communication)

// xn--unup4y : 2013-07-14 Binky Moon, LLC

// xn--vermogensberater-ctb : 2014-06-23 Deutsche Vermögensberatung
Aktiengesellschaft DVAG
vermogensberater

// xn--vermogensberatung-pwb : 2014-06-23 Deutsche Vermögensberatung Aktiengesellschaft DVAG
vermogensberatung

// xn--vhquv : 2013-08-27 Binky Moon, LLC

// xn--vuq861b : 2014-10-16 Beijing Tele-info Network Technology Co., Ltd.

// xn--w4r85el8fhu5dnra : 2015-04-30 Kerry Trading Co. Limited

// xn--w4rs40l : 2015-07-30 Kerry Trading Co. Limited

// xn--xhq521b : 2013-11-14 Guangzhou YU Wei Information Technology Co., Ltd.

// xn--zfr164b : 2013-11-08 China Organizational Name Administration Center

// xyz : 2013-12-05 XYZ.COM LLC

xyz

// yachts : 2014-01-09 DERYachts, LLC

yachts

// yahoo : 2015-04-02 Yahoo! Domain Services Inc.

yahoo

// yamaxun : 2014-12-18 Amazon Registry Services, Inc.

yamaxun

// yandex : 2014-04-10 YANDEX, LLC

yandex

// yodobashi : 2014-11-20 YODOBASHI CAMERA CO.,LTD.

yodobashi

// yoga : 2014-05-29 Minds + Machines Group Limited

yoga

// yokohama : 2013-12-12

GMO Registry, Inc.

yokohama

// you : 2015-04-09 Amazon Registry Services, Inc.

you

// youtube : 2014-05-01 Charleston Road Registry Inc.

youtube

// yun : 2015-01-08 QIHOO 360 TECHNOLOGY CO. LTD.

yun

// zappos : 2015-06-25 Amazon Registry Services, Inc.

zappos

// zara : 2014-11-07 Industria de Diseo Textil, S.A. (INDITEX, S.A.)

zara

// zero : 2014-12-18 Amazon Registry Services, Inc.

zero

// zip : 2014-05-08 Charleston Road Registry Inc.

zip

```
// zone : 2013-11-14 Binky Moon, LLC
zone

// zuerich : 2014-11-07 Kanton Zrich (Canton of Zurich)
zuerich

// ===END ICANN DOMAINS===
// ===BEGIN PRIVATE DOMAINS===
// (Note: these are in alphabetical order by company name)

// 1GB LLC : https://www.1gb.ua/
// Submitted by 1GB LLC <noc@1gb.com.ua>
cc.ua
inf.ua
ltd.ua

// Agnat sp. z o.o. : https://domena.pl
// Submitted by Przemyslaw Plewa <it-admin@domena.pl>
beep.pl

// alboto.ca : http://alboto.ca
// Submitted by Anton Avramov <avramov@alboto.ca>
barsy.ca

// Alces Software Ltd
: http://alces-software.com
// Submitted by Mark J. Titorenko <mark.titorenko@alces-software.com>
*.compute.estate
*.alces.network

// alwaysdata : https://www.alwaysdata.com
// Submitted by Cyril <admin@alwaysdata.com>
alwaysdata.net

// Amazon CloudFront : https://aws.amazon.com/cloudfront/
// Submitted by Donovan Miller <donavanm@amazon.com>
cloudfront.net

// Amazon Elastic Compute Cloud : https://aws.amazon.com/ec2/
// Submitted by Luke Wells <psl-maintainers@amazon.com>
*.compute.amazonaws.com
*.compute-1.amazonaws.com
*.compute.amazonaws.com.cn
us-east-1.amazonaws.com

// Amazon Elastic Beanstalk : https://aws.amazon.com/elasticbeanstalk/
```

// Submitted by Luke Wells <psl-maintainers@amazon.com>

cn-north-1.elb.amazonaws.com.cn
cn-northwest-1.elb.amazonaws.com.cn
elasticbeanstalk.com
ap-northeast-1.elasticbeanstalk.com
ap-northeast-2.elasticbeanstalk.com
ap-northeast-3.elasticbeanstalk.com
ap-south-1.elasticbeanstalk.com
ap-southeast-1.elasticbeanstalk.com
ap-southeast-2.elasticbeanstalk.com
ca-central-1.elasticbeanstalk.com
eu-central-1.elasticbeanstalk.com
eu-west-1.elasticbeanstalk.com
eu-west-2.elasticbeanstalk.com
eu-west-3.elasticbeanstalk.com
sa-east-1.elasticbeanstalk.com
us-east-1.elasticbeanstalk.com
us-east-2.elasticbeanstalk.com
us-gov-west-1.elasticbeanstalk.com
us-west-1.elasticbeanstalk.com
us-west-2.elasticbeanstalk.com

//

Amazon Elastic Load Balancing : <https://aws.amazon.com/elasticloadbalancing/>

// Submitted by Luke Wells <psl-maintainers@amazon.com>

*.elb.amazonaws.com
*.elb.amazonaws.com.cn

// Amazon S3 : <https://aws.amazon.com/s3/>

// Submitted by Luke Wells <psl-maintainers@amazon.com>

s3.amazonaws.com
s3-ap-northeast-1.amazonaws.com
s3-ap-northeast-2.amazonaws.com
s3-ap-south-1.amazonaws.com
s3-ap-southeast-1.amazonaws.com
s3-ap-southeast-2.amazonaws.com
s3-ca-central-1.amazonaws.com
s3-eu-central-1.amazonaws.com
s3-eu-west-1.amazonaws.com
s3-eu-west-2.amazonaws.com
s3-eu-west-3.amazonaws.com
s3-external-1.amazonaws.com
s3-fips-us-gov-west-1.amazonaws.com
s3-sa-east-1.amazonaws.com
s3-us-gov-west-1.amazonaws.com
s3-us-east-2.amazonaws.com
s3-us-west-1.amazonaws.com
s3-us-west-2.amazonaws.com

s3.ap-northeast-2.amazonaws.com
s3.ap-south-1.amazonaws.com
s3.cn-north-1.amazonaws.com.cn
s3.ca-central-1.amazonaws.com
s3.eu-central-1.amazonaws.com
s3.eu-west-2.amazonaws.com
s3.eu-west-3.amazonaws.com
s3.us-east-2.amazonaws.com
s3.dualstack.ap-northeast-1.amazonaws.com
s3.dualstack.ap-northeast-2.amazonaws.com
s3.dualstack.ap-south-1.amazonaws.com
s3.dualstack.ap-southeast-1.amazonaws.com
s3.dualstack.ap-southeast-2.amazonaws.com
s3.dualstack.ca-central-1.amazonaws.com
s3.dualstack.eu-central-1.amazonaws.com
s3.dualstack.eu-west-1.amazonaws.com
s3.dualstack.eu-west-2.amazonaws.com
s3.dualstack.eu-west-3.amazonaws.com
s3.dualstack.sa-east-1.amazonaws.com
s3.dualstack.us-east-1.amazonaws.com
s3.dualstack.us-east-2.amazonaws.com
s3-website-us-east-1.amazonaws.com
s3-website-us-west-1.amazonaws.com
s3-website-us-west-2.amazonaws.com
s3-website-ap-northeast-1.amazonaws.com
s3-website-ap-southeast-1.amazonaws.com
s3-website-ap-southeast-2.amazonaws.com
s3-website-eu-west-1.amazonaws.com
s3-website-sa-east-1.amazonaws.com
s3-website-ap-northeast-2.amazonaws.com
s3-website-ap-south-1.amazonaws.com
s3-website.ca-central-1.amazonaws.com
s3-website.eu-central-1.amazonaws.com
s3-website.eu-west-2.amazonaws.com
s3-website.eu-west-3.amazonaws.com
s3-website.us-east-2.amazonaws.com

//

Amune : <https://amune.org/>

// Submitted by Team Amune <cert@amune.org>

t3l3p0rt.net

tele.amune.org

// Apigee : <https://apigee.com/>

// Submitted by Apigee Security Team <security@apigee.com>

apigee.io

// Aptible : <https://www.aptible.com/>

// Submitted by Thomas Orozco <thomas@aptible.com>
on-aptible.com

// ASEINet : <https://www.aseinet.com/>
// Submitted by Asei SEKIGUCHI <mail@aseinet.com>
user.aseinet.ne.jp
gv.vc
d.gv.vc

// Asociacin Amigos de la Informtica "Euskalamiga" : <http://encounter.eus/>
// Submitted by Hector Martin <marcan@euskalencounter.org>
user.party.eus

//
Association potager.org : <https://potager.org/>
// Submitted by Lunar <jardiniers@potager.org>
pimienta.org
poivron.org
potager.org
sweetpepper.org

// ASUSTOR Inc. : <http://www.asustor.com>
// Submitted by Vincent Tseng <vincenttseng@asustor.com>
myasustor.com

// Automattic Inc. : <https://automattic.com/>
// Submitted by Alex Concha <alex.concha@automattic.com>
go-vip.co
go-vip.net
wpcomstaging.com

// AVM : <https://avm.de>
// Submitted by Andreas Weise <a.weise@avm.de>
myfritz.net

// AW AdvisorWebsites.com Software Inc : <https://advisorwebsites.com>
// Submitted by James Kennedy <domains@advisorwebsites.com>
*.awdev.ca
*.advisor.ws

// b-data GmbH : <https://www.b-data.io>
// Submitted by Olivier Benz <olivier.benz@b-data.ch>
b-data.io

// backplane : <https://www.backplane.io>
// Submitted by Anthony Voutas <anthony@backplane.io>
backplaneapp.io

// Balena : <https://www.balena.io>
// Submitted by Petros Angelatos <petrosagg@balena.io>
balena-devices.com

//
Banzai Cloud
// Submitted by Gabor Kozma <info@banzaicloud.com>
app.banzaicloud.io

// BetaInABox
// Submitted by Adrian <adrian@betainabox.com>
betainabox.com

// BinaryLane : <http://www.binarylane.com>
// Submitted by Nathan O'Sullivan <nathan@mammoth.com.au>
bnr.la

// Blackbaud, Inc. : <https://www.blackbaud.com>
// Submitted by Paul Crowder <paul.crowder@blackbaud.com>
blackbaudcdn.net

// Boomla : <https://boomla.com>
// Submitted by Tibor Halter <thalter@boomla.com>
boomla.net

// Boxfuse : <https://boxfuse.com>
// Submitted by Axel Fontaine <axel@boxfuse.com>
boxfuse.io

// bplaced : <https://www.bplaced.net/>
// Submitted by Miroslav Bozic <security@bplaced.net>
square7.ch
bplaced.com
bplaced.de
square7.de
bplaced.net
square7.net

// BrowserSafetyMark
// Submitted by Dave Tharp <browsersafetymark.io@quicinc.com>
browsersafetymark.io

// Bytemark Hosting : <https://www.bytemark.co.uk>
// Submitted by Paul Cammish <paul.cammish@bytemark.co.uk>
uk0.bigv.io
dh.bytemark.co.uk
vm.bytemark.co.uk

```
//
callidomus : https://www.callidomus.com/
// Submitted by Marcus Popp <admin@callidomus.com>
mycd.eu

// Carrd : https://carrd.co
// Submitted by AJ <aj@carrd.co>
carrd.co
crd.co
uwu.ai

// CentralNic : http://www.centralnic.com/names/domains
// Submitted by registry <gavin.brown@centralnic.com>
ae.org
ar.com
br.com
cn.com
com.de
com.se
de.com
eu.com
gb.com
gb.net
hu.com
hu.net
jp.net
jpn.com
kr.com
mex.com
no.com
qc.com
ru.com
sa.com
se.net
uk.com
uk.net
us.com
uy.com
za.bz
za.com

// Africa.com Web Solutions Ltd : https://registry.africa.com
// Submitted by Gavin Brown <gavin.brown@centralnic.com>
africa.com

// iDOT Services Limited : http://www.domain.gr.com
// Submitted by Gavin Brown <gavin.brown@centralnic.com>
gr.com
```


// Radix FZC : <http://domains.in.net>
// Submitted by Gavin Brown <gavin.brown@centralnic.com>
in.net

// US REGISTRY LLC : <http://us.org>
// Submitted by Gavin Brown <gavin.brown@centralnic.com>
us.org

// co.com Registry, LLC : <https://registry.co.com>
//
Submitted by Gavin Brown <gavin.brown@centralnic.com>
co.com

// c.la : <http://www.c.la/>
c.la

// certmgr.org : <https://certmgr.org>
// Submitted by B. Blechschmidt <hostmaster@certmgr.org>
certmgr.org

// Citrix : <https://citrix.com>
// Submitted by Alex Stoddard <alex.stoddard@citrix.com>
xenapponazure.com

// Civilized Discourse Construction Kit, Inc. : <https://www.discourse.org/>
// Submitted by Rishabh Nambiar <rishabh.nambiar@discourse.org>
discourse.group

// ClearVox : <http://www.clearvox.nl/>
// Submitted by Leon Rowland <leon@clearvox.nl>
virtueeldomein.nl

// Clever Cloud : <https://www.clever-cloud.com/>
// Submitted by Quentin Adam <noc@clever-cloud.com>
cleverapps.io

// Clerk : <https://www.clerk.dev>
// Submitted by Colin Sidoti <colin@clerk.dev>
*.lcl.dev
*.stg.dev

// Cloud66 : <https://www.cloud66.com/>
// Submitted by Khash Sajadi <khash@cloud66.com>
c66.me
cloud66.ws
cloud66.zone

// CloudAccess.net : <https://www.cloudaccess.net/>
// Submitted by Pawel Panek <noc@cloudaccess.net>
jdevcloud.com
wpdevcloud.com
cloudaccess.host
freesite.host
cloudaccess.net

//
cloudControl : <https://www.cloudcontrol.com/>
// Submitted by Tobias Wilken <tw@cloudcontrol.com>
cloudcontrolled.com
cloudcontrolapp.com

// Cloudera, Inc. : <https://www.cloudera.com/>
// Submitted by Philip Langdale <security@cloudera.com>
cloudera.site

// Cloudflare, Inc. : <https://www.cloudflare.com/>
// Submitted by Jake Riesterer <publicsuffixlist@cloudflare.com>
trycloudflare.com
workers.dev

// Clovyr : <https://clovyr.io>
// Submitted by Patrick Nielsen <patrick@clovyr.io>
wnext.app

// co.ca : <http://registry.co.ca/>
co.ca

// Co & Co : <https://co-co.nl/>
// Submitted by Govert Versluis <govert@co-co.nl>
*.otap.co

// i-registry s.r.o. : <http://www.i-registry.cz/>
// Submitted by Martin Semrad <semrad@i-registry.cz>
co.cz

// CDN77.com : <http://www.cdn77.com>
// Submitted by Jan Krpes <jan.krpes@cdn77.com>
c.cdn77.org
cdn77-ssl.net
r.cdn77.net
rsc.cdn77.org
ssl.origin.cdn77-secure.org

// Cloud DNS

Ltd : <http://www.cloudns.net>
// Submitted by Aleksander Hristov <noc@cloudns.net>
cloudns.asia
cloudns.biz
cloudns.club
cloudns.cc
cloudns.eu
cloudns.in
cloudns.info
cloudns.org
cloudns.pro
cloudns.pw
cloudns.us

// Cloudeity Inc : <https://cloudeity.com>
// Submitted by Stefan Dimitrov <contact@cloudeity.com>
cloudeity.net

// CNPY : <https://cnpv.gdn>
// Submitted by Angelo Gladding <angelo@lahacker.net>
cnpv.gdn

// CoDNS B.V.
co.nl
co.no

// Combell.com : <https://www.combell.com>
// Submitted by Thomas Wouters <thomas.wouters@combellgroup.com>
webhosting.be
hosting-cluster.nl

// COSIMO GmbH : <http://www.cosimo.de>
// Submitted by Rene Marticke <rmarticke@cosimo.de>
dyn.cosidns.de
dynamisches-dns.de
dnsupdater.de
internet-dns.de
l-o-g-i-n.de
dynamic-dns.info
feste-ip.net
knx-server.net
static-access.net

// Craynic, s.r.o. : <http://www.craynic.com/>
// Submitted by Ales Krajnik <ales.krajnik@craynic.com>
realm.cz

// Cryptonomic : <https://cryptonomic.net/>

// Submitted by Andrew Cady <public-suffix-list@cryptonomic.net>

*.cryptonomic.net

//

Cupcake : <https://cupcake.io/>

// Submitted by Jonathan Rudenberg <jonathan@cupcake.io>

cupcake.is

// cyon GmbH : <https://www.cyon.ch/>

// Submitted by Dominic Luechinger <dol@cyon.ch>

cyon.link

cyon.site

// Daplie, Inc : <https://daplie.com>

// Submitted by AJ ONeal <aj@daplie.com>

daplie.me

localhost.daplie.me

// Datto, Inc. : <https://www.datto.com/>

// Submitted by Philipp Heckel <ph@datto.com>

dattolocal.com

dattorelay.com

dattoweb.com

mydatto.com

dattolocal.net

mydatto.net

// Dansk.net : <http://www.dansk.net/>

// Submitted by Anani Voule <digital@digital.co.dk>

biz.dk

co.dk

firm.dk

reg.dk

store.dk

// dapps.earth : <https://dapps.earth/>

// Submitted by Daniil Burdakov <icqkill@gmail.com>

*.dapps.earth

*.bzz.dapps.earth

// Debian : <https://www.debian.org/>

// Submitted by Peter Palfrader / Debian Sysadmin Team <dsa-publicsuffixlist@debian.org>

debian.net

// deSEC : <https://desec.io/>

// Submitted by Peter Thomassen <peter@desec.io>

dedyn.io

//
DNSHome : <https://www.dnshome.de/>
// Submitted by Norbert Auler <mail@dnshome.de>
dnshome.de

// DotArai : <https://www.dotarai.com/>
// Submitted by Atsadawat Netcharadsang <atsadawat@dotarai.co.th>
online.th
shop.th

// DrayTek Corp. : <https://www.draytek.com/>
// Submitted by Paul Fang <mis@draytek.com>
drayddns.com

// DreamHost : <http://www.dreamhost.com/>
// Submitted by Andrew Farmer <andrew.farmer@dreamhost.com>
dreamhosters.com

// Drobo : <http://www.drobo.com/>
// Submitted by Ricardo Padilha <rpadilha@drobo.com>
mydrobo.com

// Drud Holdings, LLC. : <https://www.drud.com/>
// Submitted by Kevin Bridges <kevin@drud.com>
drud.io
drud.us

// DuckDNS : <http://www.duckdns.org/>
// Submitted by Richard Harper <richard@duckdns.org>
duckdns.org

// dy.fi : <http://dy.fi/>
// Submitted by Heikki Hannikainen <hessu@hes.iki.fi>
dy.fi
tunk.org

// DynDNS.com : <http://www.dyndns.com/services/dns/dyndns/>
dyndns-at-home.com
dyndns-at-work.com
dyndns-blog.com
dyndns-free.com
dyndns-home.com
dyndns-ip.com
dyndns-mail.com
dyndns-office.com
dyndns-pics.com
dyndns-remote.com
dyndns-server.com

dyndns-web.com
dyndns-wiki.com
dyndns-work.com
dyndns.biz
dyndns.info
dyndns.org
dyndns.tv
at-band-camp.net
ath.cx
barrel-of-knowledge.info
barrell-of-knowledge.info
better-than.tv
blogdns.com
blogdns.net
blogdns.org
blogsite.org
boldlygoingnowhere.org
broke-it.net
buyshouses.net
cechire.com
dnsalias.com
dnsalias.net
dnsalias.org
dnsdojo.com
dnsdojo.net
dnsdojo.org
does-it.net
doestexist.com
doestexist.org
dontexist.com
dontexist.net
dontexist.org
doomdns.com
doomdns.org
dvrDNS.org
dyn-o-saur.com
dynalias.com
dynalias.net
dynalias.org
dynathome.net
dyndns.ws
endofinternet.net
endofinternet.org
endoftheinternet.org
est-a-la-maison.com
est-a-la-masion.com
est-le-patron.com
est-mon-blogueur.com

for-better.biz
for-more.biz
for-our.info
for-some.biz
for-the.biz
forgot.her.name
forgot.his.name
from-ak.com
from-al.com
from-ar.com
from-az.net
from-ca.com
from-co.net
from-ct.com
from-dc.com
from-de.com
from-fl.com
from-ga.com
from-hi.com
from-ia.com
from-id.com
from-il.com
from-in.com
from-ks.com
from-ky.com
from-la.net
from-ma.com
from-md.com
from-me.org
from-mi.com
from-mn.com
from-mo.com
from-ms.com
from-mt.com
from-nc.com
from-nd.com
from-ne.com
from-nh.com
from-nj.com
from-nm.com
from-nv.com
from-ny.net
from-oh.com
from-ok.com
from-or.com
from-pa.com
from-pr.com
from-ri.com

from-sc.com
from-sd.com
from-tn.com
from-tx.com
from-ut.com
from-va.com
from-vt.com
from-wa.com
from-wi.com
from-wv.com
from-wy.com
ftpaccess.cc
fuettertdasnetz.de
game-host.org
game-server.cc
getmyip.com
gets-it.net
go.dyndns.org
gotdns.com
gotdns.org
groks-the.info
groks-this.info
ham-radio-op.net
here-for-more.info
hobby-site.com
hobby-site.org
home.dyndns.org
homedns.org
homeftp.net
homeftp.org
homeip.net
homelinux.com
homelinux.net
homelinux.org
homeunix.com
homeunix.net
homeunix.org
iamallama.com
in-the-band.net
is-a-anarchist.com
is-a-blogger.com
is-a-bookkeeper.com
is-a-bruinsfan.org
is-a-bulls-fan.com
is-a-candidate.org
is-a-caterer.com
is-a-celticsfan.org
is-a-chef.com

is-a-chef.net
is-a-chef.org
is-a-conservative.com
is-a-cpa.com
is-a-cubicle-slave.com
is-a-democrat.com
is-a-designer.com
is-a-doctor.com
is-a-financialadvisor.com
is-a-geek.com
is-a-geek.net
is-a-geek.org
is-a-green.com
is-a-guru.com
is-a-hard-worker.com
is-a-hunter.com
is-a-knight.org
is-a-landscaper.com
is-a-lawyer.com
is-a-liberal.com
is-a-libertarian.com
is-a-linux-user.org
is-a-llama.com
is-a-musician.com
is-a-nascarfan.com
is-a-nurse.com
is-a-painter.com
is-a-patsfan.org
is-a-personaltrainer.com
is-a-photographer.com
is-a-player.com
is-a-republican.com
is-a-rockstar.com
is-a-socialist.com
is-a-soxfan.org
is-a-student.com
is-a-teacher.com
is-a-techie.com
is-a-therapist.com
is-an-accountant.com
is-an-actor.com
is-an-actress.com
is-an-anarchist.com
is-an-artist.com
is-an-engineer.com
is-an-entertainer.com
is-by.us
is-certified.com

is-found.org
is-gone.com
is-into-anime.com
is-into-cars.com
is-into-cartoons.com
is-into-games.com
is-leet.com
is-lost.org
is-not-certified.com
is-saved.org
is-slick.com
is-uberleet.com
is-very-bad.org
is-very-evil.org
is-very-good.org
is-very-nice.org
is-very-sweet.org
is-with-theband.com
isa-geek.com
isa-geek.net
isa-geek.org
isa-hockeynut.com
issmarterthanyou.com
isteingeek.de
istmein.de
kicks-ass.net
kicks-ass.org
knowsitall.info
land-4-sale.us
lebtimnetz.de
leitungen.de
likes-pie.com
likescandy.com
merseine.nu
mine.nu
misconfused.org
mypets.ws
myphotos.cc
neat-url.com
office-on-the.net
on-the-web.tv
podzone.net
podzone.org
readmyblog.org
saves-the-whales.com
scrapper-site.net
scrapping.cc
selfip.biz

selfip.com
selfip.info
selfip.net
selfip.org
sells-for-less.com
sells-for-u.com
sells-it.net
sellsyourhome.org
servebbs.com
servebbs.net
servebbs.org
serveftp.net
serveftp.org
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sytes.net
webhop.me
zapro.org

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NodeArt : <https://nodeart.io>
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stage.nodeart.io

// Nodum B.V. : <https://nodum.io/>

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nodum.io

// Nucleos Inc. : <https://nucleos.com>

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// NYC.mn : <http://www.information.nyc.mn>

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nyc.mn

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nom.ae

nom.af

nom.ai

nom.al

nym.by

nym.bz

nom.cl

nym.ec

nom.gd

nom.ge

nom.gl

nym.gr
nom.gt
nym.gy
nym.hk
nom.hn
nym.ie
nom.im
nom.ke
nym.kz
nym.la
nym.lc
nom.li
nym.li
nym.lt
nym.lu
nym.me
nom.mk
nym.mn
nym.mx
nom.nu
nym.nz
nym.pe
nym.pt
nom.pw
nom.qa
nym.ro
nom.rs
nom.si
nym.sk
nom.st
nym.su
nym.sx
nom.tj
nym.tw
nom.ug
nom.uy
nom.vc
nom.vg

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// Omnibond Systems, LLC. : <https://www.omnibond.com>

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// .pl domains (grandfathered)
art.pl
gliwice.pl
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firewall-gateway.com
firewall-gateway.de
my-gateway.de
my-router.de
spdns.de
spdns.eu
firewall-gateway.net
my-firewall.org
myfirewall.org
spdns.org

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biz.ua
co.ua
pp.ua

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alpha.bounty-full.com
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dev.static.land
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apps.lair.io
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*.s5y.io
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diskstation.me
dscloud.biz
dscloud.me
dscloud.mobi
dsmynas.com
dsmynas.net
dsmynas.org
familyds.com
familyds.net
familyds.org
i234.me
myds.me
synology.me
vpnplus.to

// TAIFUN Software AG : <http://taifun-software.de>
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taifun-dns.de

// TASK geographical domains (www.task.gda.pl/uslugi/dns)

gda.pl
gdansk.pl
gdynia.pl
med.pl
sopot.pl

// Teckids e.V. : <https://www.teckids.org>
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edugit.org

// Telebit : <https://telebit.cloud>
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thingdustdata.com
cust.dev.thingdust.io
cust.disrec.thingdust.io
cust.prod.thingdust.io
cust.testing.thingdust.io

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Tlon.io : <https://tlon.io>
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arvo.network
azimuth.network

// TownNews.com : <http://www.townnews.com>
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// TrafficPlex GmbH : <https://www.trafficplex.de/>
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12hp.at
2ix.at
4lima.at
lima-city.at
12hp.ch
2ix.ch
4lima.ch

lima-city.ch
trafficplex.cloud
de.cool
12hp.de
2ix.de
4lima.de
lima-city.de
1337.pictures
clan.rip
lima-city.rocks
webspaces.rocks
lima.zone

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*.transurl.be
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// TuxFamily : <http://tuxfamily.org>
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dd-dns.de
diskstation.eu
diskstation.org
dray-dns.de
draydns.de
dyn-vpn.de
dynvpn.de
mein-vigor.de
my-vigor.de
my-wan.de
syno-ds.de
synology-diskstation.de
synology-ds.de

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Uberspace : <https://uberspace.de>
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uber.space
*.uberspace.de

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hk.com

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ltd.hk
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virtualuser.de
virtual-user.de

// .US
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router.management

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xnbay.com
u2.xnbay.com
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// ===END PRIVATE DOMAINS===

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* /opt/cola/permits/1132120972_1613110678.95/0/effective-tld-names-dat-zip/effective_tld_names.dat

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1.313 sysv-init 2.88

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- *
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- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
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- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
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- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/OpLessThanOrEqualTo.java
- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/JmesPathFilter.java
- *
- /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/JmesPathProjection.java
- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/JmesPathVisitor.java
- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/Comparator.java
- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/NumericComparator.java
- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/OpNotEquals.java
- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/JmesPathEvaluationVisitor.java
- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/ObjectMapperSingleton.java
- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/InvalidTypeException.java
- *
- /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/JmesPathField.java
- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/JmesPathMultiSelectList.java
- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/JmesPathAndExpression.java
- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/JmesPathLengthFunction.java
- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/com/amazonaws/jmespath/JmesPathSubExpression.java
- * /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-

```
jar/com/amazonaws/jmespath/JmesPathNotExpression.java
* /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-
jar/com/amazonaws/jmespath/JmesPathExpression.java
*
/opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-
jar/com/amazonaws/jmespath/JmesPathValueProjection.java
* /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-
jar/com/amazonaws/jmespath/JmesPathLiteral.java
* /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-
jar/com/amazonaws/jmespath/OpGreaterThanOrEqualTo.java
* /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-
jar/com/amazonaws/jmespath/JmesPathFlatten.java
* /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-
jar/com/amazonaws/jmespath/JmesPathFunction.java
* /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-
jar/com/amazonaws/jmespath/OpGreaterThan.java
* /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-
jar/com/amazonaws/jmespath/JmesPathIdentity.java
* /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-
jar/com/amazonaws/jmespath/OpLessThan.java
*
/opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-
jar/com/amazonaws/jmespath/CamelCaseUtils.java
* /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-
jar/com/amazonaws/jmespath/OpEquals.java
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Found in path(s):

```
* /opt/cola/permits/1136045075_1613665083.17/0/jmespath-java-1-11-61-sources-1-jar/META-
INF/maven/com.amazonaws/jmespath-java/pom.xml
```

1.325 saaj-api 1.3

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*

* @author Glen Smith

* @author Rainer Pruy

*/

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jar/com/opencsv/ResultSetHelperService.java

* /opt/cola/permits/1136045046_1613664976.05/0/opencsv-3-3-sources-1-jar/com/opencsv/CSVParserBuilder.java

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jar/com/opencsv/bean/MappingStrategy.java

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* /opt/cola/permits/1136045046_1613664976.05/0/opencsv-3-3-sources-1-jar/com/opencsv/bean/CsvToBean.java

1.327 tomcat-coyote 9.0.37

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1.332 json-smart 2.1.1

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* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-jar/net/minidev/json/writer/DefaultMapper.java
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* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-jar/net/minidev/json/JSONUtil.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-jar/net/minidev/json/parser/JSONParserInputStream.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-jar/net/minidev/json/writer/ArraysMapper.java
*
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-jar/net/minidev/json/JSONAwareEx.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-jar/net/minidev/json/parser/JSONParser.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-jar/net/minidev/json/writer/DefaultMapperOrdered.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-jar/net/minidev/json/parser/JSONParserReader.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-jar/net/minidev/json/JStylerObj.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-

```

jar/net/minidev/json/JSONStreamAwareEx.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/parser/JSONParserString.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/JSONValue.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/parser/JSONParserBase.java
*
/opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-jar/net/minidev/json/JSONStyle.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/JSONAware.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-jar/net/minidev/json/JSONNavi.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/JSONStreamAware.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/JSONArray.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/writer/FakeMapper.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/writer/JsonReader.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/writer/JsonReaderI.java
*
/opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-jar/net/minidev/json/JSONObject.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/writer/CollectionMapper.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/parser/JSONParserByteArray.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/parser/JSONParserMemory.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/parser/JSONParserStream.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/parser/ParseException.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/writer/CompressorMapper.java
* /opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/writer/DefaultMapperCollection.java
*
/opt/cola/permits/1136045252_1613665048.22/0/json-smart-2-1-1-sources-1-
jar/net/minidev/json/writer/BeansMapper.java

```

1.333 nimbus-jose-jwt 4.23

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```
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 * Base 64 and base 64 URL-safe encoder and decoder.
 *
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 * @author Jaap Beetstra
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path(s):

* /opt/cola/permits/1136046032_1613665092.91/0/nimbus-jose-jwt-4-23-sources-1-jar/com/nimbusds/jose/util/Base64Codec.java

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* /opt/cola/permits/1136046032_1613665092.91/0/nimbus-jose-jwt-4-23-sources-1-jar/META-INF/maven/com.nimbusds/nimbus-jose-jwt/pom.xml

1.334 tomcat-catalina-ha 9.0.37

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 jar/com/google/code/facebookapi/FacebookJaxbRestClient.java
 * /opt/cola/permits/1126576570_1611717741.51/0/facebook-java-api-2-1-0-sources-
 jar/com/google/code/facebookapi/MarketListingStatus.java
 * /opt/cola/permits/1126576570_1611717741.51/0/facebook-java-api-2-1-0-sources-
 jar/com/google/code/facebookapi/Pair.java
 *
 /opt/cola/permits/1126576570_1611717741.51/0/facebook-java-api-2-1-0-sources-
 jar/com/google/code/facebookapi/TemplatizedAction.java
 * /opt/cola/permits/1126576570_1611717741.51/0/facebook-java-api-2-1-0-sources-
 jar/com/google/code/facebookapi/MarketListingSubcategory.java
 * /opt/cola/permits/1126576570_1611717741.51/0/facebook-java-api-2-1-0-sources-
 jar/com/google/code/facebookapi/ErrorCode.java
 * /opt/cola/permits/1126576570_1611717741.51/0/facebook-java-api-2-1-0-sources-
 jar/com/google/code/facebookapi/MarketListingCategory.java
 * /opt/cola/permits/1126576570_1611717741.51/0/facebook-java-api-2-1-0-sources-
 jar/com/google/code/facebookapi/MarketListing.java

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/**

* Grant permission to an external app to make API calls on behalf of the current application.

*

* @param apiKey

* the API-key of the application to grant permission to.

* @param methods

* the API methods to allow the other application to call. If the set is empty or null, permission is granted for all API methods.

*

* @return true if the operation succeeds false otherwise

```

*/
/**
 * Check to see what permissions have been granted to current app by the specified external application.
 *
 * For example:
 *
 * Application A grants permission on users.getInfo to Application B, Application B can then call
permissions_checkAvailableApiAccess(A) and will receive
 * "users.getInfo" as a result.
 *
 * @param apiKey
 *     the API key of the application to check for permissions from.
 *
 * @return a list of all API methods that the specified application has permission
to use.
*/

```

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```

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```

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jar/com/google/code/facebookapi/FacebookException.java
* /opt/cola/permits/1126576570_1611717741.51/0/facebook-java-api-2-1-0-sources-
jar/com/google/code/facebookapi/IFacebookMethod.java
* /opt/cola/permits/1126576570_1611717741.51/0/facebook-java-api-2-1-0-sources-
jar/com/google/code/facebookapi/FacebookMethod.java
* /opt/cola/permits/1126576570_1611717741.51/0/facebook-java-api-2-1-0-sources-
jar/com/google/code/facebookapi/FacebookSignatureUtil.java
* /opt/cola/permits/1126576570_1611717741.51/0/facebook-java-api-2-1-0-sources-
jar/com/google/code/facebookapi/FeedImage.java
*
/opt/cola/permits/1126576570_1611717741.51/0/facebook-java-api-2-1-0-sources-
jar/com/google/code/facebookapi/ProfileField.java
* /opt/cola/permits/1126576570_1611717741.51/0/facebook-java-api-2-1-0-sources-
jar/com/google/code/facebookapi/FacebookXmlRestClient.java
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jar/com/google/code/facebookapi/PageProfileField.java
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jar/com/google/code/facebookapi/MarketplaceListing.java
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1.340 jemalloc 3.6.0-1.el6

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1.341 openafs 2.4.8-6.el7

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* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/tests/drmtest.c

* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/tests/getclient.c

* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/tests/setversion.c

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/opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/tests/drmtest.h

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AC_PREREQ(2.57)

AC_INIT([libdrm], 2.4.0, [dri-devel@lists.sourceforge.net], libdrm)

AC_CONFIG_SRCDIR([Makefile.am])

AM_INIT_AUTOMAKE([dist-bzip2])

AM_CONFIG_HEADER([libdrm/config.h])

AC_DISABLE_STATIC

AC_PROG_LIBTOOL

AC_PROG_CC

AC_HEADER_STDC

AC_SYS_LARGEFILE

pkgconfigdir=\${libdir}/pkgconfig

AC_SUBST(pkgconfigdir)

AC_OUTPUT([

Makefile

libdrm/Makefile

shared-core/Makefile

tests/Makefile
libdrm.pc])

Found in path(s):

* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/configure.ac

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/* drmstat.c -- DRM device status and testing program

* Created: Tue Jan 5 08:19:24 1999 by faith@precisioninsight.com

*

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* Authors: Rickard E. (Rik) Faith <faith@valinux.com>

*

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* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/tests/drmstat.c

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- * /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/shared-core/nouveau_drm.h

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* Authors:

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* Frank C. Earl <fearl@airmail.net>

* Leif Delgass <ldelgass@retinalburn.net>

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* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/shared-core/mach64_drm.h

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* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/shared-core/drm_sarea.h

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* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/libdrm/xf86drm.c
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* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/shared-core/xgi_drm.h
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/* xf86drmRandom.c -- "Minimal Standard" PRNG Implementation

* Created: Mon Apr 19 08:28:13 1999 by faith@precisioninsight.com

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*

* Authors: Rickard E. (Rik) Faith <faith@valinux.com>

*

* DESCRIPTION

*

* This file contains a simple, straightforward implementation of the Park

* & Miller "Minimal Standard" PRNG [PM88, PMS93], which is a Lehmer
* multiplicative linear congruential generator (MLCG) with a period of
* $2^{31}-1$.

*

* This implementation is intended to provide a reliable, portable PRNG
* that is suitable for testing a hash table implementation and for
* implementing skip lists.

*

* FUTURE ENHANCEMENTS

*

* If initial seeds are not selected randomly, two instances of the PRNG
* can be correlated.

[Knuth81, pp. 32-33] describes a shuffling technique

* that can eliminate this problem.

*

* If PRNGs are used for simulation, the period of the current
* implementation may be too short. [LE88] discusses methods of combining
* MLCGs to produce much longer periods, and suggests some alternative
* values for A and M. [LE90 and Sch92] also provide information on
* long-period PRNGs.

*

* REFERENCES

*

* [Knuth81] Donald E. Knuth. The Art of Computer Programming. Volume 2:
* Seminumerical Algorithms. Reading, Massachusetts: Addison-Wesley, 1981.

*

* [LE88] Pierre L'Ecuyer. "Efficient and Portable Combined Random Number
* Generators". CACM 31(6), June 1988, pp. 742-774.

*

* [LE90] Pierre L'Ecuyer. "Random Numbers for Simulation". CACM 33(10),
* October 1990, pp. 85-97.

*

* [PM88] Stephen K. Park and Keith W. Miller. "Random Number Generators:
* Good Ones are Hard to Find". CACM 31(10), October 1988, pp. 1192-1201.

*

* [Sch92] Bruce Schneier. "Pseudo-Ransom Sequence
* Generator for 32-Bit

* CPUs". Dr. Dobbs's Journal 17(2), February 1992, pp. 34, 37-38, 40.

*

* [PMS93] Stephen K. Park, Keith W. Miller, and Paul K. Stockmeyer. In
* "Technical Correspondence: Remarks on Choosing and Implementing Random
* Number Generators". CACM 36(7), July 1993, pp. 105-110.

*

*/

Found in path(s):

* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-
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*/

/*

* This is really talking about planes, and we could rename it

* except for the fact that some of the duplicated i915_drm.h files

* out there check for HAVE_I915_FLIP and so might pick up this

* version.

*/

Found in path(s):

* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/shared-core/i915_drm.h

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/* radeon_drm.h -- Public header for the radeon driver -*- linux-c -*-

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* Gareth Hughes <gareth@valinux.com>
* Keith Whitwell <keith@tungstengraphics.com>
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Found in path(s):

* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/shared-core/radeon_drm.h

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* Authors:

* Gareth Hughes <gareth@valinux.com>

* Kevin E. Martin <martin@valinux.com>

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/* xf86drmHash.c -- Small hash table support for integer -> integer mapping

* Created: Sun Apr 18 09:35:45 1999 by faith@precisioninsight.com

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* Authors: Rickard E. (Rik) Faith <faith@valinux.com>

*

* DESCRIPTION

*

* This file contains a straightforward implementation of a fixed-sized
* hash table using self-organizing linked lists [Knuth73, pp. 398-399] for
* collision resolution. There are two potentially interesting things
* about this implementation:

*

* 1) The table is power-of-two sized. Prime sized tables are more
* traditional, but do not have a significant advantage over power-of-two
* sized table, especially when double hashing is not used for collision
* resolution.

*

* 2) The hash computation
uses a table of random integers [Hanson97,
* pp. 39-41].

*

* FUTURE ENHANCEMENTS

*

* With a table size of 512, the current implementation is sufficient for a
* few hundred keys. Since this is well above the expected size of the
* tables for which this implementation was designed, the implementation of
* dynamic hash tables was postponed until the need arises. A common (and
* naive) approach to dynamic hash table implementation simply creates a
* new hash table when necessary, rehashes all the data into the new table,
* and destroys the old table. The approach in [Larson88] is superior in
* two ways: 1) only a portion of the table is expanded when needed,
* distributing the expansion cost over several insertions, and 2) portions
* of the table can be locked, enabling a scalable thread-safe
* implementation.

*

* REFERENCES

*

* [Hanson97] David R. Hanson. C Interfaces and Implementations:
* Techniques for Creating Reusable Software. Reading, Massachusetts:
* Addison-Wesley, 1997.

*

* [Knuth73] Donald E. Knuth. The Art of Computer Programming. Volume 3:
* Sorting and Searching. Reading, Massachusetts: Addison-Wesley, 1973.

*

* [Larson88] Per-Ake Larson. "Dynamic Hash Tables". CACM 31(4), April
* 1988, pp. 446-457.

*

*/

Found in path(s):

* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/libdrm/xf86drmHash.c

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/* savage_drm.h -- Public header for the savage driver

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/* xf86drmSL.c -- Skip list support

* Created: Mon May 10 09:28:13 1999 by faith@precisioninsight.com

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*

* Authors: Rickard E. (Rik) Faith <faith@valinux.com>

*

* DESCRIPTION

*

* This file contains a straightforward skip list implementation.n

*

* FUTURE ENHANCEMENTS

*

* REFERENCES

*

* [Pugh90] William Pugh. Skip Lists: A Probabilistic Alternative to
* Balanced Trees. CACM 33(6), June 1990, pp. 668-676.

*

*/

Found in path(s):

* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/libdrm/xf86drmSL.c

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

/* mga_drm.h -- Public header for the Matrox g200/g400 driver -*- linux-c -*-

* Created: Tue Jan 25 01:50:01 1999 by jhartmann@precisioninsight.com

*

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*

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* Jeff Hartmann <jhartmann@valinux.com>

* Keith Whitwell <keith@tungstengraphics.com>

*

* Rewritten by:

* Gareth Hughes <gareth@valinux.com>

*/

Found in path(s):

* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/shared-core/mga_drm.h

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* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/shared-core/via_drm.h

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/* dristat.c --

* Created: Mon Jan 15 05:05:07 2001 by faith@acm.org

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Found in path(s):

* /opt/cola/permits/1146940406_1689570454.187764/0/libdrm-2-4-0-tar-bz2/libdrm-2.4.0/tests/dristat.c

1.348 berkeley-db 5.3.21

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* \$Id\$

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 * $Header: /home/cvs/jakarta-commons/cli/src/java/org/apache/commons/cli/Parser.java,v 1.7 2002/10/24 23:17:49
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 * $Revision: 1.7 $
 * $Date: 2002/10/24 23:17:49 $
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jar/org/apache/commons/cli/Parser.java

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* \$Header: /home/cvs/jakarta-commons-

sandbox/cli/src/java/org/apache/commons/cli/UnrecognizedOptionException.java,v 1.2 2002/06/06 09:37:26

jstrachan Exp \$

* \$Revision: 1.2 \$

* \$Date: 2002/06/06 09:37:26 \$

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* \$Header: /home/cvs/jakarta-commons/cli/src/java/org/apache/commons/cli/GnuParser.java,v 1.10 2002/09/19
22:59:43 jkeyes Exp \$
* \$Revision: 1.10 \$
* \$Date: 2002/09/19 22:59:43 \$

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jar/org/apache/commons/cli/GnuParser.java

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* \$Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/TypeHandler.java,v 1.2
2002/06/06 22:49:36 bayard Exp \$

* \$Revision: 1.2 \$

* \$Date: 2002/06/06 22:49:36 \$

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* /opt/cola/permits/1147456877_1617040684.68/0/commons-cli-1-0-sources-2-
jar/org/apache/commons/cli/TypeHandler.java

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

/*

* \$Header: /home/cvs/jakarta-commons-
sandbox/cli/src/java/org/apache/commons/cli/MissingArgumentException.java,v 1.2 2002/06/06 09:37:26 jstrachan
Exp \$

* \$Revision: 1.2 \$

* \$Date: 2002/06/06 09:37:26 \$

*

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```

Found in path(s):

```

* /opt/cola/permits/1147456877_1617040684.68/0/commons-cli-1-0-sources-2-
jar/org/apache/commons/cli/MissingArgumentException.java

```

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

```

/*

```

```

* $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/OptionGroup.java,v 1.2
2002/06/06 09:37:26 jstrachan Exp $

```

* \$Revision: 1.2 \$

* \$Date: 2002/06/06 09:37:26 \$

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* /opt/cola/permits/1147456877_1617040684.68/0/commons-cli-1-0-sources-2-
jar/org/apache/commons/cli/OptionGroup.java

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

/*

* \$Header: /home/cvs/jakarta-commons/cli/src/java/org/apache/commons/cli/OptionBuilder.java,v 1.12 2002/10/15
22:50:45 jkeyes Exp \$

* \$Revision: 1.12 \$

* \$Date: 2002/10/15 22:50:45 \$

*

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* /opt/cola/permits/1147456877_1617040684.68/0/commons-cli-1-0-sources-2-
 jar/org/apache/commons/cli/OptionBuilder.java

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

```
/*
 * $Header: /home/cvs/jakarta-commons-
 * sandbox/cli/src/java/org/apache/commons/cli/MissingOptionException.java,v 1.2 2002/06/06 09:37:26 jstrachan
 * Exp $
 * $Revision: 1.2 $
 * $Date: 2002/06/06 09:37:26 $
 *
 * =====
 *
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```

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* /opt/cola/permits/1147456877_1617040684.68/0/commons-cli-1-0-sources-2-
jar/org/apache/commons/cli/MissingOptionException.java
No license file was found, but licenses were detected in source scan.

/*

* \$Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/Options.java,v 1.5
2002/06/06 22:32:37 bayard Exp \$

* \$Revision: 1.5 \$

* \$Date: 2002/06/06 22:32:37 \$

*

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* /opt/cola/permits/1147456877_1617040684.68/0/commons-cli-1-0-sources-2-
jar/org/apache/commons/cli/Options.java

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/*

* \$Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/PatternOptionBuilder.java,v
1.2 2002/06/06 22:49:36 bayard Exp \$

* \$Revision: 1.2 \$

* \$Date: 2002/06/06 22:49:36 \$

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/*

* \$Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/Option.java,v 1.6 2002/06/06 22:50:14 bayard Exp \$

* \$Revision: 1.6 \$

* \$Date: 2002/06/06 22:50:14 \$

*

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* \$Id: Option.java,v 1.6 2002/06/06 22:50:14 bayard Exp \$

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* /opt/cola/permits/1147456877_1617040684.68/0/commons-cli-1-0-sources-2-
jar/org/apache/commons/cli/Option.java

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* \$Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/CommandLine.java,v 1.4
2002/06/06 22:32:37 bayard Exp \$

* \$Revision: 1.4 \$

* \$Date: 2002/06/06 22:32:37 \$

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/opt/cola/permits/1147456877_1617040684.68/0/commons-cli-1-0-sources-2-jar/org/apache/commons/cli/HelpFormatter.java

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/*

* \$Header: /home/cvs/jakarta-commons/cli/src/java/org/apache/commons/cli/CommandLineParser.java,v 1.4 2002/09/19 22:59:43 jkeyes Exp \$

* \$Revision: 1.4 \$

* \$Date: 2002/09/19 22:59:43 \$

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* /opt/cola/permits/1147456877_1617040684.68/0/commons-cli-1-0-sources-2-
jar/org/apache/commons/cli/PosixParser.java

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/*

* \$Header: /home/cvs/jakarta-commons/cli/src/java/org/apache/commons/cli/BasicParser.java,v 1.3 2002/09/19
22:59:43 jkeyes Exp \$

* \$Revision: 1.3 \$

* \$Date: 2002/09/19 22:59:43 \$

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jar/org/apache/commons/cli/BasicParser.java

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/*

* \$Header: /home/cvs/jakarta-commons-
sandbox/cli/src/java/org/apache/commons/cli/AlreadySelectedException.java,v 1.4 2002/06/06 09:37:26 jstrachan
Exp \$

* \$Revision: 1.4 \$

* \$Date: 2002/06/06 09:37:26 \$

*
*

* =====

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 jar/org/apache/commons/cli/AlreadySelectedException.java

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/*

* \$Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/ParseException.java,v 1.2

2002/06/06 09:37:26 jstrachan Exp \$

* \$Revision: 1.2 \$

* \$Date: 2002/06/06 09:37:26 \$

*

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jar/org/apache/commons/cli/ParseException.java

1.350 open-ws 1.5.4

1.350.1 Available under license :

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/**

* Indicates whether this encoder, given the current message context, provides
end-to-end message confidentiality.

*

* @param messageContext the current message context

*

* @return true if the encoder provides end-to-end message confidentiality, false if not

*

* @throws MessageEncodingException thrown if the encoder encounter an error while attempt to evaluate its

ability

* to provide message confidentiality.
*/

Found in path(s):

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/message/encoder/MessageEncoder.java

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<BODY>

<p>

XMLObject interfaces for WS-Security 2004 elements.

</p>

<p>

The OASIS [Web Services Security: SOAP Message Security 1.1 \(WS-Security 2004\)](http://docs.oasis-open.org/wss/v1.1/wss-v1.1-spec-os-SOAPMessageSecurity.pdf) specification describes enhancements to SOAP messaging to provide message integrity and confidentiality. This specification also provides a general-purpose mechanism for associating security tokens with message content.

</p>

<p>

The security token profiles currently supported are:

Web Services Security UsernameToken Profile 1.1

Web Services Security: SAML Token Profile 1.1

Web Services Security X.509 Certificate Token Profile 1.1

Web Services Security Kerberos Token Profile 1.1

</p>
</BODY>
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/**

* Gets whether the transport represents a confidential connection (e.g. an SSL connection).

*

```
* @return whether the transport represents a confidential connection
*/
/**
 * Sets whether the transport represents a confidential connection.
 *
 * @param isConfidential whether the transport represents a confidential connection
 */
```

Found in path(s):

```
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/transport/Transport.java
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 */
/** Confidential flag. */
```

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*

/opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wssecurity/EncryptedHeader.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/impl/RequestedProofTokenImpl.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wssecurity/impl/EncryptedHeaderImpl.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wspolicy/ExactlyOne.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wspolicy/impl/ExactlyOneMarshaller.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wspolicy/impl/PolicyMarshaller.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/impl/SignWithImpl.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wssecurity/impl/AttributedStringUnmarshaller.java

*

/opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/util/resource/PropertyReplacementResourceFilter.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/impl/EncryptWithUnmarshaller.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/impl/SignatureAlgorithmUnmarshaller.java

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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/Challenge.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/impl/DelegateToMarshaller.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/impl/CombinedHashUnmarshaller.java

*

/opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wsaddressing/impl/MessageIDUnmarshaller.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/impl/ClaimsBuilder.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wssecurity/impl/SecurityTokenReferenceImpl.java

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-

```

jar/org/opensaml/ws/wstrust/impl/LifetimeBuilder.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wstrust/impl/PrimaryImpl.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wstrust/impl/RequestedProofTokenUnmarshaller.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wsaddressing/impl/SoapActionBuilder.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wstrust/impl/SignChallengeBuilder.java
*
/opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/transport/http/HTTPInTransport.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wssecurity/impl/NonceUnmarshaller.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wstrust/impl/AuthenticationTypeImpl.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wsaddressing/impl/FromUnmarshaller.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wstrust/impl/RequestedSecurityTokenImpl.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wssecurity/impl/AttributedURIImpl.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wstrust/WSTrustConstants.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wsaddressing/impl/ProblemIRIImpl.java
*
/opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wstrust/ComputedKeyAlgorithm.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wsaddressing/impl/MetadataImpl.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wssecurity/impl/KeyIdentifierImpl.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/soap/soap11/impl/FaultStringImpl.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wssecurity/impl/NonceImpl.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/message/MessageContextMutatingFunctor.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wsfed/impl/AddressUnmarshaller.java
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jar/org/opensaml/ws/wsaddressing/impl/FaultToBuilder.java
*
/opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/soap/soap11/impl/BodyImpl.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/message/handler/StaticHandlerChainResolver.java

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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
 jar/org/opensaml/ws/wspolicy/impl/PolicyAttachmentMarshaller.java
 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
 jar/org/opensaml/ws/wsaddressing/impl/ReferenceParametersMarshaller.java
 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
 jar/org/opensaml/ws/wstrust/impl/IssuedTokensImpl.java
 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
 jar/org/opensaml/ws/wsaddressing/impl/ReferenceParametersBuilder.java
 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
 jar/org/opensaml/ws/soap/client/http/HttpSOAPRequestParameters.java
 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
 jar/org/opensaml/ws/wstrust/impl/CancelTargetImpl.java
 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
 jar/org/opensaml/ws/wsaddressing/impl/SoapActionMarshaller.java
 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
 jar/org/opensaml/ws/soap/soap11/impl/DetailUnmarshaller.java
 *
 /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-

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jar/org/opensaml/ws/soap/soap11/impl/FaultActorBuilder.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wstrust/impl/EntropyUnmarshaller.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wstrust/impl/ComputedKeyAlgorithmImpl.java
*
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jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenUnmarshaller.java

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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
 jar/org/opensaml/ws/wstrust/RequestType.java
 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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 * /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/transport/OutTransport.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/impl/RequestKETBuilder.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenResponseBuilder.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/soap/common/AbstractExtensibleSOAPObject.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wssecurity/impl/TimeStampBuilder.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/security/provider/CertificateNameOptions.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wspolicy/impl/AppliesToUnmarshaller.java
*
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/security/provider/ClientCertAuthRule.java
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wsaddressing/To.java
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
jar/org/opensaml/ws/wstrust/Entropy.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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/opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/impl/StatusMarshaller.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/impl/ReasonUnmarshaller.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wsaddressing/util/WSAddressingHelper.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wsfed/impl/AppliesToUnmarshaller.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wsaddressing/impl/MetadataMarshaller.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/CancelTarget.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/impl/AbstractWSTrustObjectMarshaller.java
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/opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wssecurity/impl/KeyIdentifierMarshaller.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/soap/client/SOAPMessageContext.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wssecurity/impl/SecurityTokenReferenceMarshaller.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wsaddressing/MessageID.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wstrust/impl/KeySizeUnmarshaller.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/soap/util/SOAPConstants.java
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wsfed/WSFedObject.java
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/transport/TransportException.java
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-
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*
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* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wsfed/impl/AppliesToMarshaller.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wssecurity/SignatureConfirmation.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wspolicy/impl/AbstractWSPolicyObjectUnmarshaller.java
* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/org/opensaml/ws/wssecurity/impl/EmbeddedImpl.java
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Found in path(s):

* /opt/cola/permits/1147552557_1617095159.72/0/openws-1-5-4-sources-2-jar/schema/ws-policy.xsd

1.351 iproute 4.10.0

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```

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

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

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- cipher/sha256-avx2-bmi2-amd64.S
- cipher/sha256-ssse3-amd64.S
- cipher/sha512-avx-amd64.S
- cipher/sha512-avx2-bmi2-amd64.S
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- random/jitterentropy.h
- random/rndjent.c (plus common Libgcrypt copyright holders)

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1.353 mysql-connector-java 5.1.13

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1.354 gsoap 2.6

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1.357 mdnsresponder 765.50.9

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1.358 mini-httpd 1.19

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```
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```

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

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```
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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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Ty Coon, President of Vice

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1.360 kerberos 1.17.1

1.360.1 Available under license :

[NOTE: MIT has only incorporated the mechglue and spnego change, and not the incremental propagation changes. The filenames are different between the Sun and MIT sources. The actual MIT filenames appear in the top-level README file. Original text of Sun's LICENSE file follows.]

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```
cmd/krb5/iprof/iprof.x
cmd/krb5/iprof/iprof_hdr.h
cmd/krb5/kadmin/server/iprofd_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
lib/libgss/g_rel_oid_set.c
```

lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c

lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

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

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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Usage: \$progname [OPTION]... [MODE-ARG]...

#

1.362 postgresql 9.3.25

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1.363 mtd-utils 1.4.9

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Send patches to sysvinit-devel@nongnu.org

The of the start-stop-daemon

- * A rewrite
- of the original Debian's start-stop-daemon Perl script
- * in C (faster - it is executed many times during system startup).
- *
- * Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
- * public domain.

1.365 uclibc 0.9.30

1.365.1 Available under license :

From gsf@research.att.com Wed Mar 1 20:30:54 2006
Return-Path: <gsf@research.att.com>
X-Original-To: mps@bridge.intra
Delivered-To: mps@bridge.intra
Received: from localhost (localhost [127.0.0.1])
by localhost (Postfix) with ESMTP id B8C814E4F
for <mps@bridge.intra>; Wed, 1 Mar 2006 20:30:53 +0100 (CET)
Received: from mail.bridge.intra ([127.0.0.1])
by localhost (lnx.bridge.intra [127.0.0.1]) (amavisd-new, port 10024)
with LMTP id 05987-03 for <mps@bridge.intra>;
Wed, 1 Mar 2006 20:30:42 +0100 (CET)
Received: from pop.gmx.net (localhost [127.0.0.1])
by mail.bridge.intra (Postfix) with ESMTP id C8C73794D
for <mps@bridge.intra>; Wed, 1 Mar 2006 20:30:38 +0100 (CET)
X-Flags: 0000
Delivered-To: GMX delivery to ps.m@gmx.net
Received: (qmail invoked by alias); 01 Mar 2006 19:23:46 -0000
Received: from mail-red.research.att.com (EHLO mail-white.research.att.com) [192.20.225.110]
by mx0.gmx.net (mx085) with SMTP; 01 Mar 2006 20:23:46 +0100
Received: from raptor.research.att.com
(raptor.research.att.com [135.207.23.32])
by mail-blue.research.att.com (Postfix) with ESMTP id B7929147CBB
for <ps.m@gmx.net>; Wed, 1 Mar 2006 14:23:45 -0500 (EST)
Received: (from gsf@localhost)
by raptor.research.att.com (SGI-8.9.3p2/8.8.7) id OAA86112
for ps.m@gmx.net; Wed, 1 Mar 2006 14:23:45 -0500 (EST)
Date: Wed, 1 Mar 2006 14:23:45 -0500 (EST)
From: Glenn Fowler <gsf@research.att.com>
Message-Id: <200603011923.OAA86112@raptor.research.att.com>
Organization: AT&T Research
X-Mailer: mailx (AT&T/BSD) 9.9 2005-04-21
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
References: <Pine.LNX.4.44.0603012011250.6386-100000@lnx.bridge.intra>
To: mps@bridge.intra

Subject: Re: testregex licensing question
X-GMX-Antivirus: -1 (not scanned, may not use virus scanner)
X-GMX-Antispam: 0 (Mail was not recognized as spam)
X-GMX-UID: lJF3ZO9DeSEkJ2TcbHQhaXN1IGRvb0Ca
X-Virus-Scanned: by amavisd-new at localhost
Status:
RO
X-Status:
X-Keywords:
X-UID: 44736

you may include it directly
retain the testregex.c header comment
it uses a very free license to maximize distribution
you can copy that .c comment to any test data files you use
using # comment style to be complete

let me know how it works with your libc
also pass on any new tests you cook up

On Wed, 1 Mar 2006 20:15:02 +0100 (CET) Peter S. Mazinger wrote:

> Hello Glenn!

> I would want to add testregex.c and the related *.dat files to the uClibc
> testsuite. uClibc is licensed under LGPL v2.1. I haven't found any
> licensing related info on testregex.

> Is it allowed to use the code there, or should I accomodate the testsuite
> to download the needed files from the original site each time it is ran?

> Thanks, Peter

> --

> Peter S. Mazinger <ps dot m at gmx dot net> ID: 0xA5F059F2
> Key fingerprint = 92A4 31E1 56BC 3D5A 2D08 BB6E C389 975E A5F0 59F2

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```

The hypothetical commands

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```

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```
/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
```

* re-established. (put back CFG_PHYIE)

*

* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

*

* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

*

* Linux driver for the IDT77201 NICStAR PCI ATM controller.

* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

* see init_nicstar() for PHY initialization to change this. This driver

* expects the Linux ATM stack to support scatter-gather

lists

* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

*

* Implementing minimal-copy of received data:

* IDT always receives data into a small buffer, then large buffers

* as needed. This means that data must always be copied to create

* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

* Fix is simple: make large buffers large enough to hold entire

* SDU, and leave <small_buffer_data> bytes empty at the start. Then

* copy small buffer contents to head of large buffer.

* Trick is to avoid fragmenting Linux, due to need for a lot of large

* buffers. This is done by 2 things:

* 1) skb->destructor / skb->atm.recycle_buffer

* combined, allow nicstar_free_rx_skb to be called to

* recycle large data buffers

* 2) skb_clone of received buffers

* See nicstar_free_rx_skb and linearize_buffer for implementation

* details.

*

*

*

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*

* M. Welsh, 6 July 1996

*

*

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```
#ifndef __LICENSE_H
#define __LICENSE_H

static inline int license_is_gpl_compatible(const char *license)
{
return (strcmp(license, "GPL") == 0
|| strcmp(license, "GPL v2") == 0
|| strcmp(license, "GPL and additional rights") == 0
|| strcmp(license, "Dual BSD/GPL") == 0
|| strcmp(license, "Dual MIT/GPL") == 0
|| strcmp(license, "Dual MPL/GPL") == 0);
}
```

```
#endif
```

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*

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.. note::

This documentation is outdated. There are several other DVB contributors that aren't listed below.

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(If you think you should be in this list, but you are not, drop a
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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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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate

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1.368 procps 3.2.8

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1.369 libedit 3.1

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1.370 u-boot 2009.06

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

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If distribution of object code is made by offering access to copy

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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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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.)

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1.371 libusb-compat 4.4.4

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1.372 mtd-utils 1.5.0

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/*

Unix SMB/CIFS implementation.

trivial database library

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1.375 libnsl 2.13

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rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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1.376 mongoose 3.1

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3.1.0 / 2017-09-26

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- * Add `DEBUG_HIDE_DATE` env var (#486)
- * Remove ReDoS regexp in %o formatter (#504)
- * Remove "component" from package.json
- * Remove `component.json`
- * Ignore package-lock.json
- * Examples: fix colors printout
- * Fix: browser detection
- * Fix: spelling mistake (#496, @EdwardBetts)

3.0.1 / 2017-08-24

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- * Fix: Disable colors in Edge and Internet Explorer (#489)

3.0.0 / 2017-08-08

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- * Breaking: Remove DEBUG_FD (#406)
- * Breaking: Use `Date#toISOString()` instead to `Date#toUTCString()` when output is not a TTY (#418)
- * Breaking: Make millisecond timer namespace specific and allow 'always enabled' output (#408)
- * Addition: document `enabled` flag (#465)
- * Addition: add 256 colors mode (#481)
- * Addition: `enabled()` updates existing debug instances, add `destroy()` function (#440)
- * Update: component: update "ms" to v2.0.0
- * Update: separate the Node and Browser tests in Travis-CI
- * Update: refactor Readme, fixed documentation, added "Namespace Colors" section, redid screenshots
- * Update: separate Node.js and web browser examples for organization
- * Update: update "browserify" to v14.4.0
- * Fix: fix Readme typo (#473)

2.6.9 / 2017-09-22

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- * remove ReDoS regexp in %o formatter (#504)

2.6.8 / 2017-05-18

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- * Fix: Check for undefined on browser globals (#462, @marbemac)

2.6.7 / 2017-05-16

=====

- * Fix: Update ms to 2.0.0 to fix regular expression denial of service vulnerability (#458, @hubdotcom)
- * Fix: Inline extend function in node implementation (#452, @dougwilson)
- * Docs: Fix typo (#455, @msasad)

2.6.5 / 2017-04-27

=====

- * Fix: null reference check on window.documentElement.style.WebkitAppearance (#447, @thebigredgeek)
- * Misc: clean up browser reference checks (#447, @thebigredgeek)
- * Misc: add npm-debug.log to .gitignore (@thebigredgeek)

2.6.4 / 2017-04-20

=====

- * Fix: bug that would occur if process.env.DEBUG is a non-string value. (#444, @LucianBuzzo)
- * Chore: ignore bower.json in npm installations. (#437, @joaovieira)
- * Misc: update "ms" to v0.7.3 (@tootallnate)

2.6.3 / 2017-03-13

=====

- * Fix: Electron reference to `process.env.DEBUG` (#431, @paulcbetts)
- * Docs: Changelog fix (@thebigredgeek)

2.6.2 / 2017-03-10

=====

- * Fix: DEBUG_MAX_ARRAY_LENGTH (#420, @slavaGanzin)
- * Docs: Add backers and sponsors from Open Collective (#422, @piamancini)
- * Docs: Add Slackin invite badge (@tootallnate)

2.6.1 / 2017-02-10

=====

- * Fix: Module's `export default` syntax fix for IE8 `Expected identifier` error
- * Fix: Whitelist DEBUG_FD for values 1 and 2 only (#415, @pi0)
- * Fix: IE8 "Expected identifier" error (#414, @vgoma)
- * Fix: Namespaces would not disable once enabled (#409, @musikov)

2.6.0 / 2016-12-28

=====

- * Fix: added better null pointer checks for browser useColors (@thebigredgeek)
- * Improvement: removed explicit `window.debug` export (#404, @tootallnate)
- * Improvement: deprecated `DEBUG_FD` environment variable (#405, @tootallnate)

2.5.2 / 2016-12-25

=====

- * Fix: reference error on window within webworkers (#393, @KlausTrainer)
- * Docs: fixed README typo (#391, @lurch)
- * Docs: added notice about v3 api discussion (@thebigredgeek)

2.5.1 / 2016-12-20

=====

- * Fix: babel-core compatibility

2.5.0 / 2016-12-20

=====

- * Fix: wrong reference in bower file (@thebigredgeek)
- * Fix: webworker compatibility (@thebigredgeek)
- * Fix: output formatting issue (#388, @kribblo)
- * Fix: babel-loader compatibility (#383, @escwald)
- * Misc: removed built asset from repo and publications (@thebigredgeek)
- * Misc: moved source files to /src (#378, @yamikuronue)
- * Test: added karma integration and replaced babel with browserify for browser tests (#378, @yamikuronue)
- * Test: coveralls integration (#378, @yamikuronue)
- * Docs: simplified language in the opening paragraph (#373, @yamikuronue)

2.4.5 / 2016-12-17

=====

- * Fix: `navigator` undefined in Rhino (#376, @jochenberger)
- * Fix: custom log function (#379, @hsiliev)
- * Improvement: bit of cleanup + linting fixes (@thebigredgeek)
- * Improvement: rm non-maintained `dist` dir (#375, @freewil)
- * Docs: simplified language in the opening paragraph. (#373, @yamikuronue)

2.4.4 / 2016-12-14

=====

- * Fix: work around debug being loaded in preload scripts for electron (#368, @paulcbetts)

2.4.3 / 2016-12-14

=====

- * Fix: navigation.userAgent error for react native (#364, @escwald)

2.4.2 / 2016-12-14

=====

- * Fix: browser colors (#367, @tootallnate)
- * Misc: travis ci integration (@thebigredgeek)
- * Misc: added linting and testing boilerplate with sanity check (@thebigredgeek)

2.4.1 / 2016-12-13

=====

- * Fix: typo that broke the package (#356)

2.4.0 / 2016-12-13

=====

- * Fix: bower.json references unbuilt src entry point (#342, @justmatt)
- * Fix: revert "handle regex special characters" (@tootallnate)
- * Feature: configurable util.inspect() options for NodeJS (#327, @tootallnate)
- * Feature: %O (big O) pretty-prints objects (#322, @tootallnate)
- * Improvement: allow colors in workers (#335, @botverse)
- * Improvement: use same color for same namespace. (#338, @lchenay)

2.3.3 / 2016-11-09

=====

- * Fix: Catch `JSON.stringify()` errors (#195, Jovan Alleyne)
- * Fix: Returning `localStorage` saved values (#331, Levi Thomason)
- * Improvement: Don't create an empty object when no `process` (Nathan Rajlich)

2.3.2 / 2016-11-09

=====

- * Fix: be super-safe in index.js as well (@TooTallNate)
- * Fix: should check whether process exists (Tom Newby)

2.3.1 / 2016-11-09

=====

- * Fix: Added electron compatibility (#324, @paulcbetts)
- * Improvement: Added performance optimizations (@tootallnate)
- * Readme: Corrected PowerShell environment variable example (#252, @gimre)
- * Misc: Removed yarn lock file from source control (#321, @fengmk2)

2.3.0 / 2016-11-07

=====

- * Fix: Consistent placement of ms diff at end of output (#215, @gorangajic)
- * Fix: Escaping of regex special characters in namespace strings (#250, @zacronos)
- * Fix: Fixed bug causing crash on react-native (#282, @vkarпов15)
- * Feature: Enabled ES6+ compatible import via default export (#212 @bucaran)
- * Feature: Added %O formatter to reflect Chrome's console.log capability (#279, @oncletom)
- * Package: Update "ms" to 0.7.2 (#315, @DevSide)
- * Package: removed superfluous version property from bower.json (#207 @kkirsche)
- * Readme: fix USE_COLORS to DEBUG_COLORS

- * Readme: Doc fixes for format string sugar (#269, @mlucool)
- * Readme: Updated docs for DEBUG_FD and DEBUG_COLORS environment variables (#232, @mattlyons0)
- * Readme: doc fixes for PowerShell (#271 #243, @exoticknight @unreadable)
- * Readme: better docs for browser support (#224, @matthewmueller)
- * Tooling: Added yarn integration for development (#317, @thebigredgeek)
- * Misc: Renamed History.md to CHANGELOG.md (@thebigredgeek)
- * Misc: Added license file (#226 #274, @CantemoInternal @sdaitzman)
- * Misc: Updated contributors (@thebigredgeek)

2.2.0 / 2015-05-09

=====

- * package: update "ms" to v0.7.1 (#202, @dougwilson)
- * README: add logging to file example (#193, @DanielOchoa)
- * README: fixed a typo (#191, @amir-s)
- * browser: expose `storage` (#190, @stephenmathieson)
- * Makefile: add a `distclean` target (#189, @stephenmathieson)

2.1.3 / 2015-03-13

=====

- * Updated stdout/stderr example (#186)
- * Updated example/stdout.js to match debug current behaviour
- * Renamed example/stderr.js to stdout.js
- * Update Readme.md (#184)
- * replace high intensity foreground color for bold (#182, #183)

2.1.2 / 2015-03-01

=====

- * dist: recompile
- *
- update "ms" to v0.7.0
- * package: update "browserify" to v9.0.3
- * component: fix "ms.js" repo location
- * changed bower package name
- * updated documentation about using debug in a browser
- * fix: security error on safari (#167, #168, @yields)

2.1.1 / 2014-12-29

=====

- * browser: use `typeof` to check for `console` existence
- * browser: check for `console.log` truthiness (fix IE 8/9)
- * browser: add support for Chrome apps
- * Readme: added Windows usage remarks
- * Add `bower.json` to properly support bower install

2.1.0 / 2014-10-15

=====

- * node: implement `DEBUG_FD` env variable support
- * package: update "browserify" to v6.1.0
- * package: add "license" field to package.json (#135, @panuhorsmalhti)

2.0.0 / 2014-09-01

=====

- * package: update "browserify" to v5.11.0
- * node: use stderr rather than stdout for logging (#29, @stephenmathieson)

1.0.4 / 2014-07-15

=====

- * dist: recompile
- * example: remove `console.info()`
log usage
- * example: add "Content-Type" UTF-8 header to browser example
- * browser: place %c marker after the space character
- * browser: reset the "content" color via `color: inherit`
- * browser: add colors support for Firefox >= v31
- * debug: prefer an instance `log()` function over the global one (#119)
- * README: update documentation about styled console logs for FF v31 (#116, @wryk)

1.0.3 / 2014-07-09

=====

- * Add support for multiple wildcards in namespaces (#122, @seegno)
- * browser: fix lint

1.0.2 / 2014-06-10

=====

- * browser: update color palette (#113, @gscottolson)
- * common: make console logging function configurable (#108, @timoxley)
- * node: fix %o colors on old node <= 0.8.x
- * Makefile: find node path using shell/which (#109, @timoxley)

1.0.1 / 2014-06-06

=====

- * browser: use `removeItem()` to clear localStorage
- * browser, node: don't set DEBUG if namespaces is undefined (#107, @leedm777)
- * package:

add "contributors" section

* node: fix comment typo

* README: list authors

1.0.0 / 2014-06-04

=====

* make ms diff be global, not be scope

* debug: ignore empty strings in enable()

* node: make DEBUG_COLORS able to disable coloring

* *: export the `colors` array

* npmingnore: don't publish the `dist` dir

* Makefile: refactor to use browserify

* package: add "browserify" as a dev dependency

* Readme: add Web Inspector Colors section

* node: reset terminal color for the debug content

* node: map "%o" to `util.inspect`

* browser: map "%j" to `JSON.stringify`

* debug: add custom "formatters"

* debug: use "ms" module for humanizing the diff

* Readme: add "bash" syntax highlighting

* browser: add Firebug color support

* browser: add colors for WebKit browsers

* node: apply log to `console`

* rewrite: abstract common logic for Node & browsers

* add .jshint file

0.8.1 / 2014-04-14

=====

* package: re-add the

"component" section

0.8.0 / 2014-03-30

=====

* add `enable()` method for nodejs. Closes #27

* change from stderr to stdout

* remove unnecessary index.js file

0.7.4 / 2013-11-13

=====

* remove "browserify" key from package.json (fixes something in browserify)

0.7.3 / 2013-10-30

=====

* fix: catch localStorage security error when cookies are blocked (Chrome)

* add debug(err) support. Closes #46

* add .browser prop to package.json. Closes #42

0.7.2 / 2013-02-06

=====

* fix package.json

* fix: Mobile Safari (private mode) is broken with debug

* fix: Use unicode to send escape character to shell instead of octal to work with strict mode javascript

0.7.1 / 2013-02-05

=====

* add repository URL to package.json

* add DEBUG_COLORED to force colored output

* add browserify support

* fix component. Closes #24

0.7.0 / 2012-05-04

=====

* Added .component to package.json

* Added

debug.component.js build

0.6.0 / 2012-03-16

=====

* Added support for "-" prefix in DEBUG [Vinay Pulim]

* Added `enabled` flag to the node version [TooTallNate]

0.5.0 / 2012-02-02

=====

* Added: humanize diffs. Closes #8

* Added `debug.disable()` to the CS variant

* Removed padding. Closes #10

* Fixed: persist client-side variant again. Closes #9

0.4.0 / 2012-02-01

=====

* Added browser variant support for older browsers [TooTallNate]

* Added `debug.enable('project:*')` to browser variant [TooTallNate]

* Added padding to diff (moved it to the right)

0.3.0 / 2012-01-26

=====
* Added millisecond diff when isatty, otherwise UTC string

0.2.0 / 2012-01-22
=====

* Added wildcard support

0.1.0 / 2011-12-02
=====

* Added: remove colors unless stderr isatty [TooTallNate]

0.0.1 / 2010-01-03
=====

* Initial release
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#####

BezierEasing - use bezier curve for transition easing function
by Gatan Renaudeau 2014 - 2015 MIT License

Credits: is based on Firefox's nsSMILKeySpline.cpp

Usage:

var spline = BezierEasing([0.25, 0.1, 0.25, 1.0])

spline.get(x) => returns the easing value | x must be in [0, 1] range

/* Base64 - a simple base64 encoder and decoder.

/*

/* Copyright (c) 1999, Bob Withers - bwit@pobox.com

```
/**
/** This code may be freely used for any purpose, either personal
/** or commercial, provided the authors copyright notice remains
/** intact.
/**
/** Enhancements by Stanley Yamane:
/**   o reverse lookup table for the decode function
/**   o reserve string buffer space in advance
/**
/*******
Copyright (c) 2013 Raynos.
```

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That's all there is to it!

/*

* SpanDSP - a series of DSP components for telephony

*

* g711.h - In line A-law and u-law conversion routines

*

* Written by Steve Underwood <steveu@coppice.org>

*

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*

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

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This package is a JavaScript porting of `wcwidth()` implementation
[by Markus Kuhn](<http://www.cl.cam.ac.uk/~mgk25/ucs/wcwidth.c>).

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Changes:

- Rings created from the reference rectangle file.

- earthcloudmapcolortrans.png was made from the earthcloudmapspec.jpg file

timers-browserify

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The code in this library is an extension of Bala Vatti's clipping algorithm:

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Communications of the ACM, Vol 35, Issue 7 (July 1992) pp 56-63.

<http://portal.acm.org/citation.cfm?id=129906>

Computer graphics and geometric modeling: implementation and algorithms

By Max K. Agoston

Springer; 1 edition (January 4, 2005)

<http://books.google.com/books?q=vatti+clipping+agoston>

See also:

"Polygon Offsetting by Computing Winding Numbers"

Paper no. DETC2005-85513 pp. 565-575

ASME 2005 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference (IDETC/CIE2005)

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*  
* g722_decode.c - The ITU G.722 codec, decode part.  
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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if

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For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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.

3. You may opt to apply the terms of the ordinary GNU General Public

License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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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.

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.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- 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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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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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.

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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.

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

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```
#!/usr/bin/env node
```

```
/*
```

```
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```

```
Code licensed under the BSD License:
```

```
http://yuilibrary.com/license/
```

```
*/
```

```
var checker = require('./lib/index');
```

```
var args = require('./lib/args').parse();
```

```
var mkdirp = require('mkdirp');
```

```
var path = require('path');
```

```
var chalk = require('chalk');
```

```
var fs = require('fs');
```

```
if (args.help) {
```

```
  console.error('license-checker@' + require('./package.json').version);
```

```
  var usage = [
```

```
    "
```

```
    ' --production only show production dependencies.',
```

```
    ' --development only show development dependencies.',
```

```
    ' --unknown report guessed licenses as unknown licenses.',
```

```
    ' --start [path of the initial json to look for]',
```

```
    ' --onlyunknown only list packages with unknown or guessed licenses.',
```

```
    ' --json output in json format.',
```

```
    ' --csv output in csv format.',
```

```
    ' --csvComponentPrefix column prefix for components in csv file',
```

```

    ' --out [filepath] write
the data to a specific file.',
    ' --customPath to add a custom Format file in JSON',
    ' --exclude [list] exclude modules which licenses are in the comma-separated list from the output',
    ' --relativeLicensePath output the location of the license files as relative paths',
    ' --summary output a summary of the license usage',
    ' --failOn [list] fail (exit with code 1) on the first occurrence of the licenses of the semicolon-separated list',
    ' --onlyAllow [list] fail (exit with code 1) on the first occurrence of the licenses not in the semicolon-separated
list',
    ' --direct look for direct dependencies only',
    ' --packages [list] restrict output to the packages (package@version) in the semicolon-separated list',
    ' --excludePackages [list] restrict output to the packages (package@version) not in the semicolon-separated
list',
    ' --excludePrivatePackages restrict output to not include any package marked
as private',
    ",
    ' --version The current version',
    ' --help The text you are reading right now :)',
    "
];
console.error(usage.join('\n'), '\n');
process.exit(0);
}

if (args.version) {
    console.error(require('../package.json').version);
    process.exit(1);
}

if (args.failOn && args.onlyAllow) {
    console.error('--failOn and --onlyAllow can not be used at the same time. Choose one or the other. ');
    process.exit(1);
} else {
    var argValue = args.failOn || args.onlyAllow;
    if (argValue && argValue.indexOf(',') >= 0) {
        var argName = args.failOn ? 'failOn' : 'onlyAllow';
        console.warn('Warning: As of v17 the --' + argName + ' argument takes semicolons as delimiters instead of
commas (some license names can contain commas)');
    }
}

checker.init(args, function(err, json) {

    var formattedOutput = "";

    if (!!err) {
        console.error('Found error');
        console.error(err);

```

```

}

if (shouldColorizeOutput(args))
{
  var keys = Object.keys(json);
  keys.forEach(function(key) {
    var keyParts = key.split('@');
    var coloredKey = chalk.blue(keyParts[0]) + chalk.dim('@') + chalk.green(keyParts[1]);
    json[coloredKey] = json[key];
    delete json[key];
  });
}

if (args.json) {
  formattedOutput = JSON.stringify(json, null, 2) + '\n';
} else if (args.csv) {
  formattedOutput = checker.asCSV(json, args.customFormat, args.csvComponentPrefix);
} else if (args.markdown){
  formattedOutput = checker.asMarkDown(json, args.customFormat) + '\n';
} else if (args.summary) {
  formattedOutput = checker.asSummary(json);
} else {
  formattedOutput = checker.asTree(json);
}

if (args.files) {
  checker.asFiles(json, args.files);
} else if (args.out) {
  var dir = path.dirname(args.out);
  mkdirp.sync(dir);
  fs.writeFileSync(args.out, formattedOutput,
'utf8');
} else {
  console.log(formattedOutput);
}
});

function shouldColorizeOutput(args) {
  return args.color && !args.out && !(args.csv || args.json || args.markdown);
}

```

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* Fixed minor IBM xLC compiler build issues

* Added atomicops for AIX (POWER)

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"Intellectual Property Rights" shall mean patents (including utility models), design patents, and designs (whether or not capable of registration), chip topography rights and other like protection, copyrights, trademarks, service marks, trade names, logos or other words or symbols and any other form of statutory protection of any kind and applications for any of the foregoing as well as any trade secrets.

"License Certificate" shall mean a certificate generated by The Qt Company for each Designated User respectively upon them downloading the Licensed Software, which will be available under respective Designated User's Qt Account at account.qt.io. License Certificates will specify the Designated User, the Development Platforms, Deployment Platforms and the License Term. Such terms are considered part of the licenses granted hereunder and shall be updated from time to time to reflect any agreed changes to the foregoing terms relating to Designated User's rights to the Licensed Software.

"License Fee" shall mean the fee charged to the Licensee for rights granted under the terms of this Agreement.

"License Term" shall mean the agreed validity period of the Development License of the respective Designated User, during which time the Designated User is entitled to use the Licensed Software, as set forth in the respective License Certificate.

"Licensed Software" shall mean either

- (i) Qt for Application Development or
- (ii) Qt for Device Creation, and/or
- (iii) Qt 3D Studio, and/or
- (iv) Qt Design Studio, and/or
- (v) Qt for MCUs, and/or
- (vi) selected Add-on Products, if any,

depending on which product(s) the Licensee has purchased under this Agreement, as well as corresponding online or electronic documentation, associated media and printed materials, including the source code (where applicable), example programs and the documentation, licensed to the Licensee under this Agreement.

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"Licensee" shall mean the individual or legal entity that is party to this Agreement, as identified on the signature page hereof.

"Licensee's Records" shall mean books and records that are likely to contain information bearing on Licensee's compliance with this Agreement, Licensee's use of Open Source Qt and/or the payments due to The Qt Company under this Agreement, including, but not limited to user information, assembly logs, sales records and distribution records.

"Modified Software" shall have the meaning as set forth in Section 2.3.

"Online Services" shall mean any services or access to systems made available by The Qt Company to the Licensee over the Internet relating to the Licensed Software or for the purpose of use by the Licensee of the Licensed Software or Support. Use of any such Online Services is discretionary for the Licensee and some of them may be subject to additional fees.

"Open Source Qt" shall mean the non-commercial Qt computer software products, licensed under the terms of the GNU Lesser General Public License, version 2.1 or later ("LGPL") or the GNU General Public License, version 2.0 or later ("GPL"). For clarity, Open Source Qt shall not be provided nor governed under this Agreement.

"Party" or "Parties" shall mean Licensee and/or The Qt Company.

"Permitted Software" shall mean any (i) open source software (excluding Open Source Qt) that is a) generally available for public in source code form without additional cost under any of the licenses approved by Open Source Initiative as listed on <https://opensource.org/licenses>; and (b) is in no way, directly or indirectly, developed by or for or otherwise related to or in the interest of the Licensee or its Affiliates, or (ii) software The Qt Company has made available via its Qt Marketplace online distribution channel.

"Pre-Release Code" shall have the meaning as set forth in Section 4.

"Prohibited Combination" shall mean any means to (i) use, combine, incorporate, link or integrate Licensed Software with any software created with or incorporating Open Source Qt, (ii) use Licensed Software for creation of any software created with or incorporating Open Source Qt, or (iii) incorporate or integrate Applications into a hardware device or product other than a Device.

"Qt 3D Studio" shall mean The Qt Company's productized offering, which consist of all versions of modules and tools as set forth in Appendix 1.

"Qt Design Studio" shall mean The Qt Company's productized offering, which consist of all versions of modules and tools as set forth in Appendix 1.

"Qt for Application Development" shall mean The Qt Company's productized offering, which consist of all versions of modules and tools as set forth in Appendix 1.

"Qt for Device Creation" shall mean The Qt Company's productized offering, which consist of all versions of modules and tools as set forth in Appendix 1.

"Qt for MCUs" shall mean The Qt Company's productized offering, which consist of all versions of modules and tools as set forth in Appendix 1.

"Redistributables" shall mean the portions of the Licensed Software set forth in Appendix 1 that may be distributed pursuant to the terms of this Agreement in object code form only, including any relevant documentation. Where relevant, any reference to Licensed Software in this Agreement shall include and refer also to Redistributables.

"Renewal Term" shall mean an extension of previous License Term as agreed between the Parties.

"Submitted Modified Software" shall have the meaning as set forth in Section 2.3.

"Support" shall mean standard developer support that is provided by The Qt

Company to assist Designated Users in using the Licensed Software in accordance with The Qt Company's standard support terms available at <https://www.qt.io/terms-conditions/> and as further defined in Section 8 hereunder.

"Taxes" shall have the meaning set forth in Section 10.5.

"Term" shall have the meaning set forth in Section 12.

"The Qt Company" shall mean:

- (i) in the event Licensee is an individual residing in the United States or a legal entity incorporated in the United States or having its headquarters in the United States, The Qt Company Inc., a Delaware corporation with its office at 2350 Mission College Blvd., Suite 1020, Santa Clara, CA 95054, USA.; or
- (ii) in the event the Licensee is an individual residing outside of the United States or a legal entity incorporated outside of the United States or having its registered office outside of the United States, The Qt Company Ltd., a Finnish company with its registered office at Bertel Jungin aukio D3A, 02600 Espoo, Finland.

"Third-Party Software" shall have the meaning set forth in Section 4.

"Updates" shall mean a release or version of the Licensed Software containing bug fixes, error corrections and other changes that are generally made available to users of the Licensed Software that have contracted for Support. Updates are generally depicted as a change to the digits following the decimal in the Licensed Software version number. The Qt Company shall make Updates available to the Licensee under the Support. Updates shall be considered as part of the Licensed Software hereunder.

"Upgrades" shall mean a release or version of the Licensed Software containing enhancements and new features and are generally depicted as a change to the first digit of the Licensed Software version number. In the event Upgrades are provided to the Licensee under this Agreement, they shall be considered as part of the Licensed Software hereunder.

2. OWNERSHIP

2.1. Ownership of The Qt Company

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2.2. Ownership of Licensee

All the Licensee's Intellectual Property Rights are and shall remain the exclusive property of the Licensee or its licensors respectively.

All Intellectual Property Rights to the Modified Software, Applications and Devices shall remain with the Licensee and no rights thereto shall be granted by the Licensee to The Qt Company under this Agreement (except as set forth in Section 2.3 below).

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Licensee may create bug-fixes, error corrections, patches or modifications to the Licensed Software ("Modified Software"). Such Modified Software may break the source or binary compatibility with the Licensed Software (including without limitation through changing the application programming interfaces ("API") or by adding, changing or deleting any variable, method, or class signature in the Licensed Software and/or any inter-process protocols, services or standards in the Licensed Software libraries). To the extent that Licensee's Modified Software so breaks source or binary compatibility with the Licensed Software, Licensee acknowledges that The Qt Company's ability to provide Support may be prevented or limited and Licensee's ability to make use of Updates may be restricted.

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3. LICENSES GRANTED

3.1. Development with Licensed Software

Subject to the terms of this Agreement, The Qt Company grants to Licensee a worldwide, non-exclusive, non-transferable license, valid for the License Term, to use, modify and copy the Licensed Software by Designated Users on the Development Platforms for the sole purposes of designing, developing, demonstrating and testing Application(s) and/or Devices, and to provide thereto related support and other related services to end-user Customers. Each Application and/or Device can only include, incorporate or integrate code generated under this Agreement by such Designated Users who are duly licensed for the applicable Development Platform(s) and Deployment Platform(s) (i.e have

a valid license for the appropriate Licensed Software product).

Licensee may install copies of the Licensed Software on five (5) computers per Designated User, provided that only the Designated Users who have a valid Development License may use the Licensed Software.

Licensee may at any time designate another Designated User to replace a then-current Designated User by notifying The Qt Company in writing, provided that any Designated User may be replaced only once during any six-month period.

Upon expiry of the initially agreed License Term, the respective License Terms shall be automatically extended to one or more Renewal Term(s), unless and until either Party notifies the other Party in writing that it does not wish to continue the License Term, such notification to be provided to the other Party no less than thirty (30) days before expiry of the respective License Term.

Unless otherwise agreed between the Parties, Renewal Term shall be of equal length with the initial License Term.

Any such Renewal Term shall be subject to License Fees agreed between the Parties or, if no advance agreement exists, subject to The Qt Company's standard pricing applicable at the commencement date of any such Renewal Term.

Any price or other term specified for a Renewal Term shall be valid only for the specified time.

The Qt Company may request the Licensee to place a purchase order corresponding to a quote by The Qt Company for the relevant Renewal Term.

In the event Licensee does not prevent auto-renewal pursuant the above, but a Renewal Term is nevertheless not duly ordered within 30 days from the date of the respective notification from The Qt Company and/or the respective License Fee paid by due date specified in The Qt Company's respective invoice, The Qt Company shall apply a reinstatement fee equal to ten percent (10 %) of the total value of the License Fees of the Development Licenses for the expired term to be added to the License Fee of the respective Renewal Term.

In the event Licensee chooses not to renew a Development License for a Renewal Term by notifying The Qt Company thereof no less than thirty (30) days before expiry of the respective License Term, Licensee may still reinstate such expired Development Licenses for a Renewal Term subject to applicable renewal Term License Fees until thirty (30) days from the expiry of the initially agreed License Term or preceding Renewal Term. After such thirty (30) day period a Development License shall be subject to applicable License Fees for

a new Development License and not any Renewal Term License Fees.

3.2. Distribution of Applications

Subject to the terms of this Agreement, The Qt Company grants to Licensee a worldwide, non-exclusive, non-transferable, revocable (for cause pursuant to this Agreement) right and license, valid for the Term, to

- (i) distribute, by itself or through its Contractors, Redistributables as installed, incorporated or integrated into Applications for execution on the Deployment

Platforms, and

- (ii) grant sublicenses to Redistributables, as distributed hereunder, for Customers solely for Customer's internal use and to the extent necessary in order for the Customers to use the Applications for their respective intended purposes.

Right to distribute the Redistributables as part of an Application as provided herein is not royalty-bearing but is conditional upon the Licensee not having any unpaid License Fees for Development Licenses owed to The Qt Company at the time of distribution of any Redistributables to Customers.

3.3. Distribution of Devices

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incorporated or integrated into Devices for execution on the Deployment Platforms, and

- (ii) grant sublicenses to Redistributables, as distributed hereunder, for Customers solely for Customer's internal use and to the extent necessary in order for the Customers to use the Devices for their respective intended purposes.

Right to distribute the Redistributables with Devices as provided herein is conditional upon the Licensee (i) not having any unpaid License Fees for Development Licenses owed to The Qt Company, and (ii) having purchased and paid corresponding Distribution Licenses at the time of distribution of any Redistributables to Customers.

3.4. Further Requirements

The licenses granted above in this Section 3 by The Qt Company to Licensee are conditional and subject to Licensee's compliance with the following terms:

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- (ii) Applications must add primary and substantial functionality to the

- Licensed Software so as not to compete with the Licensed Software;
- (iii) Applications may not pass on functionality which in any way makes it possible for others to create software with the Licensed Software; provided however that Licensee may use the Licensed Software's scripting and QML ("Qt Quick") functionality solely in order to enable scripting, themes and styles that augment the functionality and appearance of the Application(s) without adding primary and substantial functionality to the Application(s);
 - (iv) Licensee shall not use Licensed Software in any manner or for any purpose that infringes, misappropriates or otherwise violates any Intellectual property or right of any third party, or that violates any applicable law;
 - (v) Licensee shall not use The Qt Company's or any of its suppliers' names, logos, or trademarks to market Applications, except that Licensee may use "Built with Qt" logo to indicate that Application(s) was developed using the Licensed Software;
 - (vi) Licensee shall not distribute, sublicense or disclose source code of Licensed Software to any third party (provided however that Licensee may appoint employee(s) of Contractors as Designated Users to use Licensed Software pursuant to this Agreement). Such right may be available for the Licensee subject to a separate software development kit ("SDK") license agreement to be concluded with The Qt Company;
 - (vii) Licensee shall not grant the Customers a right to (i) make copies of the Redistributables except when and to the extent required to use the Applications and/or Devices for their intended purpose, (ii) modify the Redistributables or create derivative works thereof, (iii) decompile, disassemble or otherwise reverse engineer Redistributables, or (iv) redistribute any copy or portion of the Redistributables to any third party, except as part of the onward sale of the Device on which the Redistributables are installed;
 - (viii) Licensee shall not and shall cause that its Affiliates or Contractors shall not use Licensed Software in any Prohibited Combination, unless Licensee has received an advance written permission from The Qt Company to do so. Absent such written permission, any and all distribution by the Licensee during the Term of a hardware device or product a) which incorporate or integrate any part of Licensed Software or Open Source Qt; or b) where the main user interface or substantial functionality is provided by software built with Licensed Software or Open Source Qt or otherwise depends on the Licensed Software or Open Source Qt, shall be considered to be Device distribution under this Agreement and shall be dependent on Licensee's compliance thereof (including but not limited to obligation to pay applicable License Fees for such distribution). Notwithstanding what is provided above in this sub-section (viii),

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- (ix) Licensee shall cause all of its Affiliates and Contractors entitled to make use of the licenses granted under this Agreement, to be contractually bound to comply with the relevant terms of this Agreement and not to use the Licensed Software beyond the terms hereof and for any purposes other than operating within the scope of their services for Licensee. Licensee shall be responsible for any and all actions and omissions of its Affiliates and Contractors relating to the Licensed Software and use thereof (including but not limited to payment of all applicable License Fees);
- (x) Except when and to the extent explicitly provided in this Section 3, Licensee shall not transfer, publish, disclose, display or otherwise make available the Licensed Software; and
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The Licensed Software may contain pre-release code and functionality, or sample code marked or otherwise stated with appropriate designation such as "Technology Preview", "Alpha", "Beta", "Sample" etc. ("Pre-Release Code").

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7. INDEMNIFICATION AND LIMITATION OF LIABILITY

7.1. Limitation of Liability

EXCEPT FOR (I) CASES OF GROSS NEGLIGENCE OR INTENTIONAL MISCONDUCT, AND (II) BREACH OF CONFIDENTIALITY, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL EITHER PARTY BE LIABLE TO THE OTHER PARTY FOR ANY LOSS OF PROFIT, LOSS OF DATA, LOSS OF BUSINESS OR GOODWILL OR ANY OTHER INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE COST, DAMAGES OR EXPENSE OF ANY KIND,

HOWSOEVER ARISING UNDER OR IN CONNECTION WITH THIS AGREEMENT.

EXCEPT FOR (I) CASES OF GROSS NEGLIGENCE OR INTENTIONAL MISCONDUCT, AND (II) BREACH OF CONFIDENTIALITY, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL EITHER PARTY'S TOTAL AGGREGATE LIABILITY UNDER THIS AGREEMENT EXCEED THE AGGREGATE LICENSE FEES PAID OR PAYABLE TO THE QT COMPANY FROM LICENSEE DURING THE PERIOD OF TWELVE (12) MONTHS IMMEDIATELY PRECEDING THE EVENT RESULTING IN SUCH LIABILITY.

THE PROVISIONS OF THIS SECTION 7 ALLOCATE THE RISKS UNDER THIS AGREEMENT BETWEEN THE QT COMPANY AND LICENSEE AND THE PARTIES HAVE RELIED UPON THE LIMITATIONS SET FORTH HEREIN IN DETERMINING WHETHER TO ENTER INTO THIS AGREEMENT.

NOTWITHSTANDING ANYTHING TO THE CONTRARY IN THIS AGREEMENT, LICENSEE SHALL ALWAYS BE LIABLE TO PAY THE APPLICABLE LICENSE FEES CORRESPONDING TO ITS ACTUAL USE OF LICENSED SOFTWARE.

8. SUPPORT, UPDATES AND ONLINE SERVICES

Upon due payment of the agreed License Fees the Licensee will be eligible to receive Support and Updates and to use the Online Services during the License Term, provided, however, that in the event the License Term is longer than 36 months, the initial payment includes Support for only the first 12 months, unless the Parties specifically otherwise agree.

Unless otherwise decided by The Company at its free and absolute discretion, Upgrades will not be included in the Support but may be available subject to additional fees.

From time to time The Qt Company may change the Support terms, provided that during the respective ongoing License Term the level of Support provided by The Qt Company may not be reduced without the consent of the Licensee.

Unless otherwise agreed, The Qt Company shall not be responsible for providing any service or support to Customers.

9. CONFIDENTIALITY

Each Party acknowledges that during the Term of this Agreement each Party may receive information about the other Party's business, business methods, business plans, customers, business relations, technology, and other information, including the terms of this Agreement, that is confidential and of great value to the other Party, and the value of which would be significantly reduced if disclosed to third parties ("Confidential Information").

Accordingly, when a Party (the "Receiving Party") receives Confidential Information from the other Party (the "Disclosing Party"), the Receiving Party shall only disclose such information to employees and Contractors on a need to know basis, and shall cause its employees and employees of its Affiliates to: (i) maintain any and all Confidential Information in confidence; (ii) not disclose the Confidential Information to a third party without the Disclosing Party's prior written approval; and (iii) not, directly or indirectly, use the Confidential Information for any purpose other than for exercising its rights and fulfilling its responsibilities pursuant to this Agreement. Each Party shall take reasonable measures to protect the Confidential Information of the other Party, which measures shall not be less than the measures taken by such Party to protect its own confidential and proprietary information.

Obligation of confidentiality shall not apply to information that (i) is or becomes generally known to the public through no act or omission of the Receiving Party; (ii) was in the Receiving Party's lawful possession prior to the disclosure hereunder and was not subject to limitations on disclosure or use; (iii) is developed independently by employees or Contractors of the Receiving Party or other persons working for the Receiving Party who have not had access to the Confidential Information of the Disclosing Party, as proven by the written records of the Receiving Party; (iv) is lawfully disclosed to the Receiving Party without restrictions, by a third party not under an obligation of confidentiality; or (v) the Receiving Party is legally compelled to disclose, in which case the Receiving Party shall notify the Disclosing Party of such compelled disclosure and assert the privileged and confidential nature of the information and cooperate fully with the Disclosing Party to limit the scope of disclosure and the dissemination of disclosed Confidential Information to the minimum extent necessary.

The obligations under this Section 9 shall continue to remain in force for a period of five (5) years after the last disclosure, and, with respect to trade secrets, for so long as such trade secrets are protected under applicable trade secret laws.

10. FEES, DELIVERY AND PAYMENT

10.1. License Fees

License Fees are described in The Qt Company's standard price list, quote or Purchase Order confirmation or in an appendix hereto, as the case may be.

The License Fees shall not be refunded or claimed as a credit in any event or for any reason whatsoever.

10.2. Ordering Licenses

Licensee may purchase Development Licenses and Distribution Licenses pursuant

to agreed pricing terms or, if no specific pricing terms have been agreed upon, at The Qt Company's standard pricing terms applicable at the time of purchase. Unless specifically otherwise provided, any pricing terms referenced in this Agreement shall be valid for twelve (12) months from the date of this Agreement.

Licensee shall submit all purchase orders for Development Licenses and Distribution Licenses to The Qt Company by email or any other method acceptable to The Qt Company (each such order is referred to herein as a "Purchase Order") for confirmation, whereupon the Purchase Order shall become binding between the Parties.

10.3. Distribution License Packs

Unless otherwise agreed, Distribution Licenses shall be purchased by way of Distribution License Packs.

Upon due payment of the ordered Distribution License Pack(s), the Licensee will have an account of Distribution Licenses available for distributing the Redistributables in accordance with this Agreement.

Each time Licensee distributes a copy of Redistributables, then one Distribution License is used, and Licensee's account of available Distribution Licenses is decreased accordingly.

Licensee may distribute copies of the Redistributables so long as Licensee has Distribution Licenses remaining on its account.

10.4. Payment

Terms

License Fees and any other charges under this Agreement shall be paid by Licensee no later than thirty (30) days from the date of the applicable invoice from The Qt Company.

The Qt Company will submit an invoice to Licensee after the date of this Agreement and/or after The Qt Company receives a Purchase Order from Licensee.

A late payment charge of the lower of (a) one percent per month; or (b) the interest rate stipulated by applicable law, shall be charged on any unpaid balances that remain past due.

10.5. Taxes

All License Fees and other charges payable hereunder are gross amounts but exclusive of any value added tax, use tax, sales tax, withholding tax and other taxes, duties or tariffs ("Taxes") levied directly for the sale, delivery or use of Licensed Software hereunder pursuant to any applicable law. Such applicable Taxes shall be paid by Licensee to The Qt Company, or, where applicable, in lieu of payment of such Taxes to The Qt Company,

Licensee shall provide an exemption certificate to The Qt Company and any applicable authority.

11. RECORD-KEEPING AND REPORTING OBLIGATIONS; AUDIT RIGHTS

11.1. Licensee's Record-keeping

Licensee shall at all times during the Term of this Agreement and for a period of seven (7) years thereafter maintain Licensee's Records in an accurate and up-to-date form. Licensee's Records shall be adequate to reasonably enable The Qt Company to determine Licensee's compliance with the provisions of this Agreement. The records shall conform to general good accounting practices.

Licensee shall, within thirty (30) days from receiving The Qt Company's request to that effect, deliver to The Qt Company a report based on Licensee's Records, such report to contain information, in sufficient detail, on (i) number and identity of users working with Licensed Software or Open Source Qt, (ii) copies of Redistributables distributed by Licensee during the most recent calendar quarter and/or any other term specified by The Qt Company, (iii) number of undistributed copies of Redistributables and corresponding number of unused Distribution Licenses remaining on Licensee's account, and (iv) any other information as The Qt Company may reasonably require from time to time.

11.2. The Qt Company's Audit Rights

The Qt Company or an independent auditor acting on behalf of The Qt Company's, may, upon at least five (5) business days' prior written notice and at its expense, audit Licensee with respect to the Licensee's use of the Licensed Software, but not more frequently than once during each 6-month period. Such audit may be conducted by mail, electronic means or through an in-person visit to Licensee's place of business. Any such in-person audit shall be conducted during regular business hours at Licensee's facilities and shall not unreasonably interfere with Licensee's business activities. The Qt Company or the independent auditor acting on behalf of The Qt Company shall be entitled to inspect Licensee's Records and conduct necessary interviews of Licensee's relevant employees and Contractors. All such Licensee's Records and use thereof shall be subject to an obligation of confidentiality under this Agreement.

If an audit reveals that Licensee is using the Licensed Software beyond scope of the licenses Licensee has paid for, Licensee agrees to pay The Qt Company any amounts owed for such unauthorized use within 30 days from receipt of the corresponding invoice from The Qt Company.

In addition, in the event the audit reveals a material violation of the

terms of this Agreement (without limitation, either (i) underpayment of more than 10 % of License Fees or 10,000 euros (whichever is more) or (ii) distribution of products, which include or result from Prohibited Combination, shall be deemed a material violation for purposes of this section), then the Licensee shall pay The Qt Company's reasonable cost of conducting such audit.

12. TERM AND TERMINATION

12.1. Agreement Term

This Agreement shall enter into

force upon due acceptance by both

Parties and remain in force for as long as there is any Development License(s) purchased under this Agreement in force ("Term"), unless and until terminated pursuant to the terms of this Section 12.

12.2. Termination and suspension of rights

Either Party shall have the right to terminate this Agreement upon thirty (30) days prior written notice if the other Party commits a material breach of any obligation of this Agreement and fails to remedy such breach within such notice period.

Instead of termination, The Qt Company shall have the right to suspend or withhold grants of all rights to the Licensed Software hereunder, including but not limited to the Development Licenses, Distribution License, and Support, should Licensee fail to make payment in timely fashion or otherwise violates or is reasonably suspected to violate its obligations or terms of this Agreement, and where such violation or breach is not cured within five (5) business days following

The Qt Company's
written notice thereof.

12.3. Mutual Right to Terminate

Either Party shall have the right to terminate this Agreement immediately upon written notice in the event that the other Party becomes insolvent, files for any form of bankruptcy, makes any assignment for the benefit of creditors, has a receiver, administrative receiver or officer appointed over the whole or a substantial part of its assets, ceases to conduct business, or an act equivalent to any of the above occurs under the laws of the jurisdiction of the other Party.

12.4. Parties' Rights and Duties upon Termination

Upon expiry or termination of the Agreement, Licensee shall cease and shall cause all Designated Users (including those of its Affiliates' and Contractors') to cease using the Licensed Software and distribution of the Redistributables under this Agreement.

Notwithstanding the above, in the event the Agreement expires or is terminated:

- (i) as a result of The Qt Company choosing not to renew

the Development

License(s) as set forth in Section 3.1, then all valid licenses possessed by the Licensee at such date shall be extended to be valid in perpetuity under the terms of this Agreement and Licensee is entitled to purchase additional licenses as set forth in Section 10.2; or

- (ii) for reason other than by The Qt Company pursuant to item (i) above or pursuant to Section 12.2, then the Licensee is entitled, for a period of six (6) months after the effective date of termination, to continue distribution of Devices under the Distribution Licenses paid but unused at such effective date of termination.

Upon any such termination the Licensee shall destroy or return to The Qt Company all copies of the Licensed Software and all related materials and will certify the same to The Qt Company upon its request, provided however that Licensee may retain and exploit such copies of the Licensed Software as it may reasonably require in providing continued support to Customers.

Expiry or termination of this Agreement for any reason whatsoever shall not relieve Licensee of its obligation to pay any License Fees accrued or payable to The Qt Company prior to the effective date of termination, and Licensee shall immediately pay to The Qt Company all such fees upon the effective date of termination. Termination of this Agreement shall not affect any rights of Customers to continue use of Applications and Devices (and therein incorporated Redistributables).

12.5. Extension in case of bankruptcy

In the event The Qt Company is declared bankrupt under a final, non-cancellable decision by relevant court of law, and this Agreement is not, at the date of expiry of the Development License(s) pursuant to Section 3.1, assigned to party, who has assumed The Qt Company's position as a legitimate licensor of Licensed Software under this Agreement, then all valid licenses possessed by the Licensee at such date of expiry, and which the Licensee has not notified for expiry, shall be extended to be valid in perpetuity under the terms of this Agreement.

13. GOVERNING LAW AND LEGAL VENUE

In the event this Agreement is in the name of The Qt Company Inc., a Delaware Corporation, then:

- (i) this Agreement shall be construed and interpreted in accordance with the laws of the State of California, USA, excluding its choice of law provisions;
- (ii) the United Nations Convention on Contracts for the International Sale of Goods will not apply to this Agreement; and
- (iii) any dispute, claim or controversy arising out of or relating to this

Agreement or the breach, termination, enforcement, interpretation or validity thereof, including the determination of the scope or applicability of this Agreement to arbitrate, shall be determined by arbitration in San Francisco, USA, before one arbitrator. The arbitration shall be

administered by JAMS pursuant to JAMS'

Streamlined Arbitration Rules and Procedures. Judgment on the Award may be entered in any court having jurisdiction. This Section shall not preclude parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction.

In the event this Agreement is in the name of The Qt Company Ltd., a Finnish Company, then:

- (i) this Agreement shall be construed and interpreted in accordance with the laws of Finland, excluding its choice of law provisions;
- (ii) the United Nations Convention on Contracts for the International Sale of Goods will not apply to this Agreement; and
- (iii) any disputes, controversy or claim arising out of or relating to this Agreement, or the breach, termination or validity thereof shall be finally settled by arbitration in accordance with the Arbitration Rules of Finland Chamber of Commerce. The arbitration tribunal shall

consist of one (1), or if either Party so requires, of three (3), arbitrators. The award shall be final and binding and enforceable in any court of competent jurisdiction. The arbitration shall be held in Helsinki, Finland and the process shall be conducted in the English language. This Section shall not preclude parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction.

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14.1. No Assignment

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Any terms and conditions that by their nature or otherwise reasonably should survive termination of this Agreement shall so be deemed to survive. Such sections include especially the following: 1, 2, 6, 7, 9, 11, 12.4, 13 and 14.

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This Agreement, the exhibits hereto, the License Certificate and any applicable Purchase Order accepted by The Qt Company constitute the complete agreement between the Parties and supersedes all prior or contemporaneous discussions, representations, and proposals, written or oral, with respect to the subject matters discussed herein.

In the event of any conflict or inconsistency between this Agreement and any Purchase Order, the terms of this Agreement will prevail over the terms of the Purchase Order with respect to such conflict or inconsistency.

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14.6. Force Majeure

Except for the payment obligations hereunder, neither Party shall be liable to the other for any delay or non-performance of its obligations hereunder in the event and to the extent that such delay or non-performance is due to an event of act of God, terrorist attack or other similar unforeseeable catastrophic event that prevents either Party for fulfilling its obligations under this Agreement and which such Party cannot avoid or circumvent ("Force Majeure Event"). If the Force Majeure Event results in a delay or non-performance of a Party for a period of three (3) months or longer, then either Party shall have the right to terminate this Agreement with immediate effect without any liability (except for the obligations of payment arising prior to the event of Force Majeure) towards the other Party.

14.7. Notices

Any notice given by one Party to the other shall be deemed properly given and deemed received if specifically acknowledged by the receiving Party in writing or when successfully delivered to the recipient by hand, fax, or special courier during normal business hours on a business day to the addresses specified for each Party on the signature page. Each communication and document made or delivered by one Party to the other Party pursuant to this Agreement shall be in the English language.

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The prevailing Party in any action to enforce this Agreement shall be entitled to recover its attorney's fees and costs in connection with such action.

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14.12. Severability

If any provision of this Agreement shall be adjudged by any court of competent jurisdiction to be unenforceable or invalid, that provision shall be limited or eliminated to the minimum extent necessary so that this Agreement shall otherwise remain in full force and effect and enforceable.

APPENDICES

The Agreement includes Appendix 1, and possibly one or more of the appendices 3-5, depending on the product(s) purchased by the Licensee, what is stated in the quote or invoice, and/or what is stated in the Licensee's License Certificate.

APPENDIX 1

The

modules and/or tools that are included in the respective product - Qt for Application Development (QtAD), Qt for Device Creation (QtDC), Qt for MCUs (QtMCU), Qt 3D Studio (Qt3DS) and Qt Design Studio (QtDS) - are marked with 'X' in the below table.

Parts of the product that are permitted for distribution in object-code form only ("Redistributables") are marked with 'R' in the below table.

Modules / Tools	QtAD	QtDC	QtMCU	Qt3DS	QtDS
Qt Core	X, R	X, R			
Qt GUI	X, R	X, R			
Qt Multimedia	X, R	X, R			
Qt Multimedia Widgets	X, R	X, R			
Qt Network	X, R	X, R			
Qt QML	X, R	X, R			
Qt Quick	X, R	X, R			
Qt Quick Controls 2	X, R	X, R			
Qt Quick Dialogs	X, R	X, R			
Qt Quick Layouts	X, R	X, R			

Qt Quick Test	X, R X, R								
Qt SQL	X, R X, R								
Qt Test	X, R X, R								
Qt Widgets	X, R X, R								
Active Qt	X, R X, R								
Qt 3D	X, R X, R								
Qt Android									
Extras	X, R X, R								
Qt Bluetooth	X, R X, R								
Qt Canvas 3D	X, R X, R								
Qt Concurrent	X, R X, R								
Qt D-Bus	X, R X, R								
Qt Gamepad	X, R X, R								
Qt Graphical Effects	X, R X, R								
Qt Help	X, R X, R								
Qt Image Formats	X, R X, R								
Qt Location	X, R X, R								
Qt Mac Extras	X, R X, R								
Qt Network Authorization	X, R X, R								
Qt NFC	X, R X, R								
Qt Platform Headers	X, R X, R								
Qt Positioning	X, R X, R								
Qt Print Support	X, R X, R								

Qt Purchasing	X, R	X, R			
Qt for Python	X, R	X, R			
Qt Quick Controls	X, R	X, R			
Qt Quick Extras	X, R	X, R			
Qt Quick Widgets	X, R	X, R			
Qt SCXML	X, R	X, R			
Qt Sensors	X, R	X, R			
Qt Serial Bus	X, R	X, R			
Qt Serial Port	X, R	X, R			
Qt Speech	X, R	X, R			
Qt SVG	X, R	X, R			
Qt UI Tools	X, R	X, R			
Qt WebChannel	X, R	X, R			
Qt WebEngine	X, R	X, R			
Qt WebSockets	X, R	X, R			
Qt WebView	X, R	X, R			
Qt Windows Extras	X, R	X, R			
Qt X11 Extras	X, R	X, R			
Qt XML	X, R	X, R			
Qt XML Patterns	X, R	X, R			
Qt Wayland Compositor	X, R	X, R			
Qt Charts	X, R	X, R			

Qt Data visualization	X, R X, R			
+-----+				
Qt Virtual Keyboard	X, R X, R			
+-----+				
Boot 2 Qt stack		X, R		
+-----+				
Qt OTA		X, R		
+-----+				
Device Utilities		X, R		
+-----+				
Qt Debugging Bridge (QDB) Daemon		X, R		
+-----+				
Qt Quick Ultralite Controls			X, R	
+-----+				
Qt Quick Ultralite			X, R	
+-----+				
Qt Creator	X	X	X	
+-----+				
Qt Designer (Qt Widget Designer)	X	X		
+-----+				
Qt Quick Designer (Qt Creator	X	X	X	
plugin)				
+-----+				
Qt Linguist	X	X	X	
+-----+				
Qt Assistant	X	X	X	
+-----+				
Lupdate	X	X	X	
+-----+				
Lrelease	X	X	X	
+-----+				
Qmake	X	X		
+-----+				
Uic	X	X		
+-----+				
Rcc	X	X		
+-----+				
Ql1r	X	X		
+-----+				
Qdoc	X	X		
+-----+				
Qmlscene	X	X		
+-----+				
Qmlviewer	X	X		
+-----+				

Target toolchains		X	X						
+-----+									
Qt Debugging Bridge (QDB) Host		X							
Tools									
+-----+									
qtconfig-gui		X							
+-----+									
Qt Emulator		X							
+-----+									
Qmlinterfacegenerator			X						
+-----+									
Qmltocpp			X						
+-----+									
qulfontcompiler			X						
+-----+									
Qt53DStudioRuntime2				X, R					
+-----+									
Qt 3D Studio				X					
+-----+									
Qt Design Studio				X					
+-----+									

APPENDIX 3: ADDITIONS TO LICENSED SOFTWARE

In addition to what is provided under the definition of the Licensed Software, Parties agree that Licensed Software shall also include the Add-On Products of The Qt Company, as mentioned in this Appendix, if included in the quote / invoice.

The Modules and/or Tools of the Licensed Software that are included with each Add-On Product respectively are marked with 'X' in the below table.

Parts of the respective Add-On Product that are permitted for distribution in object-code form only ("Redistributables") are marked with 'R' in the below table.

+-----+									
	Add-On Product(s)								
+-----+									
Modules / Tools of	Qt for	Qt	Qt	Qt	Qt	Qt	Qt	Qt	
Licensed Software	Automation	Automotive	Safe	Application	GammaRay	Deployment			
	/ Qt M2M	Suite	Renderer	Manager		Platform			
	Protocols				Package				
+-----+									

Qt MQTT	X, R								
+-----+									
Qt KNX	X, R								
+-----+									
Qt OPC UA	X, R								
+-----+									
Qt CoAP	X, R								
+-----+									
Qt Safe Renderer		X, R	X, R						
+-----+									
Qt Application Manager		X, R		X, R					
+-----+									
Qt IVI		X, R							
+-----+									
Reference UI		X, R							
+-----+									
Qt GENIVI Extras		X, R							
+-----+									
QML Live		X							
+-----+									
Qt Creator									
X									
Deployment									
+-----+									
Qt Creator Plugin for Qt Application Manager		X		X					
+-----+									
Qt Automotive Suite		X							
Deployment Server									
+-----+									
Qt Design Studio		X							
+-----+									
Qt 3D Studio		X							
+-----+									
GammaRay		X			X				
+-----+									
Platform adaptations for specified								X	
Deployment Platforms									
+-----+									
Qt for Device Creation		X							
+-----+									

All the above Redistributables are subject to applicable provisions and limitations including but not limited to what is defined in section 3 of the Agreement.

APPENDIX 4: SMALL BUSINESS AND STARTUP

The provisions of this Appendix 4 are applicable for companies with an annual revenue, including funding, equivalent to maximum of 250,000 USD (in applicable currency) during the latest full calendar year, as evidenced by duly audited records of the Licensee and approved by The Qt Company ("Start-up Company").

Start-up Companies are qualified for a discounted License Fee for maximum of four (4) Development Licenses ("Start-up Development License") unless otherwise agreed between the parties.

Start-up Development License entitles the respective Designated User for Support only for installation related issues.

Upon expiry of the respective License Term, the Start-up Development Licenses shall be automatically extended, pursuant to Section 3.1 of the Agreement, for a Renewal Term either as new Start-up Development Licenses (if the Licensee still qualifies as a Start-up Company), or as normal Development Licenses (if the Licensee no longer qualifies as a Start-up company).

APPENDIX 5: NON-COMMERCIAL USE

The provisions of this Appendix 5 are applicable for non-commercial use of the Licensed Software by the Licensee.

For the purpose of this Appendix 5, the following additional definitions (replacing the relevant definition of the Agreement, where applicable) shall be applicable:

"Demo Units" shall mean (i) hardware development platform, which incorporates the Licensed Software along with Licensee's software and/or hardware, and (ii) prototype versions of Applications or Devices.

"Designated User(s)" shall mean the employees and students of the Licensee.

"Licensee Products" shall mean Applications and/or Devices.

"Permitted Purpose" shall mean (i) Licensee's internal evaluation and testing of Licensed Software, (ii) building Demo Units as well as (iii)

educational use.

"Term" shall mean a period of twelve (12) months or any such other period as may be agreed between the Parties.

For the purpose of this Appendix 5, the following changes shall be agreed with respect to relevant Sections of the Agreement:

I. Recital (A) shall be replaced in its entirety to read as follows:
"(A) Licensee wishes to use the Licensed Software for the Permitted Purpose."

II. Section 3.1 shall be replaced in its entirety to read as follows:
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For clarity, this Agreement does not (i) entitle Licensee to use Licensed Software to create Applications or Devices (other than prototypes thereof) or (ii) carry any distribution rights to Licensee, but such rights are subject to and conditional upon conclusion of a separate license agreement with The Qt Company."

III. Sections 3.2, 3.3, 8 and 10 shall be deleted.

IV. Section 3.4 shall be replaced in its entirety to read as follows:

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Designated Users relating to the Licensed Software and use thereof.

Any use of Licensed Software beyond the provisions of this Agreement is strictly prohibited and requires an additional license from The Qt Company."

V. Section 12 shall be replaced in its entirety to read as follows:

"This Agreement shall enter into force upon due acceptance by both Parties and remain in force for the Term, unless and until terminated pursuant to the terms of Section 12.

Upon termination of the Agreement, Licensee shall cease using the Licensed Software. All other copies of Licensed Software in the possession or control of Licensee must be erased or destroyed. An officer of Licensee must, upon request, promptly deliver to The Qt Company a written confirmation that this has occurred."

Except for the modifications specified above, this Appendix carries no change to the terms of the Agreement which shall remain in full force. Copyright (c) 2013 Julien Pommier (pommier@modartt.com)

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2. Chinese/Japanese Word Break Dictionary Data (cjdict.txt)

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./test/cholesky.cpp
./test/geo_quaternion.cpp
./test/miscmatrices.cpp
./test/stddeque.cpp
./test/integer_types.cpp
./test/product_large.cpp
./test/eigensolver_generic.cpp
./test/householder.cpp
./test/geo_orthomethods.cpp
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./test/sparseLM.cpp
./test/upperbidiagonalization.cpp
./test/nomalloc.cpp
./test/packetmath.cpp
./test/jacobisvd.cpp
./test/geo_transformations.cpp
./test/swap.cpp
./test/eigensolver_selfadjoint.cpp
./test/inverse.cpp
./test/product_selfadjoint.cpp
./test/product_trsolve.cpp
./test/product_extra.cpp
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./test/cwiseop.cpp
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./test/linearstructure.cpp
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./test/product_symm.cpp
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./test/dontalign.cpp
./test/visitor.cpp
./test/geo_alignedbox.cpp
./test/diagonalmatrices.cpp
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./test/eigensolver_generalized_real.cpp
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./test/schur_complex.cpp
./test/sizeoverflow.cpp
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./test/sparselu.cpp

./unsupported/test/mpreal/mpreal.h

./unsupported/Eigen/src/IterativeSolvers/IterationController.h

./unsupported/Eigen/src/IterativeSolvers/ConstrainedConjGrad.h

./unsupported/Eigen/src/Eigenvalues/ArpackSelfAdjointEigenSolver.h

./Eigen/src/OrderingMethods/Amd.h

./Eigen/src/SparseCholesky/SimplicialCholesky_impl.h

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GL

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Device drivers	src/ mesa/ drivers/ *	See drivers	See drivers
Ext headers	include/ GL/ glxext.h include/ GL/ glxext.h	SGI	SGI Free B
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gradle

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java/android_libs/exoplayer

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java/android_libs/protobuf_nano

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java_src/android_libs/protobuf_nano/v2

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jpeg

(extracted from src/README)

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libunwind

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libxml

Libxml2, an XML C Parser

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lodepng

LodePNG

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zlib

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mongoose

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objective_c/gtm_session_fetcher

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openctm

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xmpmeta

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Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution.

If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

o freetype-devel@nongnu.org

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Our home page can be found at

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THE PROVISIONS OF THIS SECTION 7 ALLOCATE THE RISKS UNDER THIS AGREEMENT BETWEEN THE QT COMPANY AND LICENSEE AND THE PARTIES HAVE RELIED UPON THE LIMITATIONS SET FORTH HEREIN IN DETERMINING WHETHER TO ENTER INTO THIS AGREEMENT.

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Initial

Support Term shall be automatically extended to one or more Support Renewal Term(s), unless and until either Party notifies the other Party in writing that it does not wish to continue the Support, such notification to be provided to the other Party no less than ninety (90) days before expiry of the Initial Support Term or respective Support Renewal Term. During any such Support Renewal Term Support shall be available subject to prices and terms agreed between the Parties or, if no advance agreement exists, subject to The Qt Company's standard pricing applicable at the commencement date of any such Support Renewal Term. From time to time The Qt Company may change Support provided within each Support plan; provided that during the respective Initial Support Term or Support Renewal Term (as the case may be), the level of Support provided by The Qt Company may not be reduced without the consent of the Licensee.

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The obligations under this Section 9 shall continue to remain in force for a period of five (5) years after the last disclosure, and, with respect to trade secrets, for so long as such trade secrets are protected under applicable trade secret laws.

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Licensee shall submit all purchase orders for Development Licenses and Distribution Licenses to The Qt Company by email or any other method acceptable to The Qt Company (each such order is referred to herein as a "Purchase Order") for confirmation, whereupon the Purchase Order shall become binding between the Parties.

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If an audit reveals that Licensee is using the Licensed Software beyond scope of the licenses Licensee has paid for, Licensee agrees to immediately pay The Qt Company any amounts owed for such unauthorized use.

In addition, in the event the audit reveals a material violation of the terms of this Agreement (underpayment of more than 5% of License Fees shall always be deemed a material violation for purposes of this section), then the Licensee shall pay The Qt Company's reasonable cost of conducting such audit.

12 TERM AND TERMINATION

12.1 Term

This Agreement shall enter into force upon due acceptance by both Parties and remain in force for the Term, unless and until terminated pursuant to the terms of this Section 12.

12.2 Termination by The Qt Company

The Qt Company shall have the right to terminate this Agreement upon thirty (30) days prior written notice if (i) the Licensee is in material breach of any obligation of this Agreement and fails to remedy such breach within such notice period; (ii) or Licensee or any of its Affiliates bring a suit before any court or administrative agency or otherwise assert a claim against The Qt Company's or any of its Affiliates' Intellectual Property Rights or validity thereof.

12.3 Mutual Right to Terminate

Either Party shall have the right to terminate this Agreement immediately upon written notice in the event that the other Party becomes insolvent, files for any form of bankruptcy, makes any assignment for the benefit of creditors, has a

receiver, administrative receiver or officer appointed over the whole or a substantial part of its assets, ceases to conduct business, or an act equivalent to any of the above occurs under the laws of the jurisdiction of the other Party.

12.4 Parties Rights and Duties upon Termination

Upon expiry or termination of the Agreement for any reason, Licensee shall, within 30 days after such termination, cease and shall cause all Designated Users (including those of its Affiliates' and Contractors') and Licensee's SDK Contractors to cease using the Licensed Software and distribution of the Redistributables under this Agreement. Notwithstanding the above, in the event the Agreement expires or is terminated for reason other than by The Qt Company pursuant to Section 12.2, the Licensee is entitled, for a period of six (6) months after the effective date of termination, to continue distribution of Devices under the Distribution Licenses paid but unused at such effective date of termination.

Upon any such termination the Licensee shall destroy or return to The Qt Company all copies of the Licensed Software and all related materials and will certify the same to The Qt Company upon its request, provided however that Licensee may retain and exploit such copies of the Licensed Software as it may reasonably require in providing continued support to Customers.

Expiry or termination of this Agreement for any reason whatsoever shall not relieve Licensee of its obligation to pay any License Fees accrued or payable to The Qt Company prior to the effective date of termination, and Licensee shall immediately pay to The Qt Company all such fees upon the effective date of termination. Termination of this Agreement shall not affect any rights of Customers to continue use of Applications and Devices (and therein incorporated Redistributables).

13. GOVERNING LAW AND LEGAL VENUE

In the event this Agreement is in the name of The Qt Company Inc., a Delaware Corporation, then:

(i) this Agreement shall be construed and interpreted in accordance with the laws of the State of California, USA, excluding its choice of law provisions;

(ii) the United Nations Convention on Contracts for the International Sale of Goods will not apply to this Agreement; and

(iii) any dispute, claim or controversy arising out of or relating to this Agreement or the breach, termination, enforcement, interpretation or validity thereof, including the determination of the scope or applicability of this

Agreement to arbitrate, shall be determined by arbitration in San Francisco, USA, before one arbitrator. The arbitration shall be administered by JAMS pursuant to JAMS' Streamlined Arbitration Rules and Procedures. Judgment on the Award may be entered in any court having jurisdiction. This Section shall not preclude parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction.

In the event this Agreement is in the name of The Qt Company Ltd., a Finnish Company, then:

(i) this Agreement shall be construed and interpreted in accordance with the laws of Finland, excluding its choice of law provisions;

(ii) the United Nations Convention on Contracts for the International Sale of Goods will not apply to this Agreement; and

(iii) any disputes, controversy or claim arising out of or relating to this Agreement, or the breach, termination or validity thereof shall be finally settled by arbitration in accordance with the Arbitration Rules of Finland Chamber of Commerce. The arbitration tribunal shall consist of one (1), or if either Party so requires, of three (3), arbitrators. The award shall be final and binding and enforceable in any court of competent jurisdiction. The arbitration shall be held in Helsinki, Finland and the process shall be conducted in the English language. This Section shall not preclude parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction.

14. GENERAL PROVISIONS

14.1 No Assignment Licensee

shall not be entitled to assign or transfer all or any of its rights, benefits and obligations under this Agreement without the prior written consent of The Qt Company, which shall not be unreasonably withheld or delayed. The Qt Company shall be entitled to freely assign or transfer any of its rights, benefits or obligations under this Agreement.

14.2 No Third Party Representations

Licensee shall make no representations or warranties concerning the Licensed Software on behalf of The Qt Company. Any representation or warranty Licensee makes or purports to make on The Qt Company's behalf shall be void as to The Qt Company.

14.3 Surviving Sections

Any terms and conditions that by their nature or otherwise reasonably should survive termination of this Agreement shall so be deemed to survive.

14.4 Entire Agreement

This Agreement, the exhibits hereto, the License Certificate and any applicable Purchase Order constitute the complete agreement between the Parties and supersedes all prior or contemporaneous discussions, representations, and proposals, written or oral, with respect to the subject matters discussed herein. In the event of any conflict or inconsistency between this Agreement and any Purchase Order, the terms of this Agreement will prevail over the terms of the Purchase Order with respect to such conflict or inconsistency.

14.5 Modifications

No modification of this Agreement shall be effective unless contained in a writing executed by an authorized representative of each Party. No term or condition contained in Licensee's Purchase Order shall apply unless expressly accepted by The Qt Company in writing.

14.6 Force Majeure

Except for the payment obligations hereunder, neither Party shall be liable to the other for any delay or non-performance of its obligations hereunder in the event and to the extent that such delay or non-performance is due to an event of act of God, terrorist attack or other similar unforeseeable catastrophic event that prevents either Party for fulfilling its obligations under this Agreement and which such Party cannot avoid or circumvent ("Force Majeure Event"). If the Force Majeure Event results in a delay or non-performance of a Party for a period of three (3) months or longer, then either Party shall have the right to terminate this Agreement with immediate effect without any liability (except for the obligations of payment arising prior to the event of Force Majeure) towards the other Party.

14.7 Notices

Any notice given by one Party to the other shall be deemed properly given and deemed received if specifically acknowledged by the receiving Party in writing or when successfully delivered to the recipient by hand, fax, or special courier during normal business hours on a business day to the addresses specified for The Qt Company in the beginning of this Agreement, and for the Licensee in the Licensees account profile. Each communication and document made or delivered by one Party to the other Party pursuant to this Agreement shall be in the English language.

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14.10 Attorney Fees

The prevailing Party in any action to enforce this Agreement shall be entitled to recover its attorney's fees and costs in connection with such action.

14.11 Severability

If any provision of this Agreement shall be adjudged by any court of competent jurisdiction to be unenforceable or invalid, that provision shall be limited or eliminated to the minimum extent necessary so that this Agreement shall otherwise remain in full force and effect and enforceable.

IN WITNESS WHEREOF, the Parties hereto, intending to be legally bound hereby, have caused this Agreement to be executed by Licensees authorized representative installing the Licensed Software and accepting the terms hereof in connection therewith.

Appendix 1

1. Parts of the Licensed Software

that are permitted for distribution in object code form only ("Redistributables") under this Agreement:

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- The Licensed Software's help tool ("Qt Assistant")
- The Licensed Software's internationalization tools ("Qt Linguist", "lupdate",

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- The Licensed Software's QML ("Qt Quick") launcher tool ("qmlscene" and "qmlviewer")

- The Licensed Software's installer framework

2. Parts of the Licensed Software that are not permitted for distribution include, but are not limited to:

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- The Licensed Software's tool for writing makefiles ("qmake")

- The Licensed Software's Meta Object Compiler ("moc")

- The Licensed Software's User Interface Compiler ("uic" or in the case of Qt Jambi: "juic")

- The Licensed Software's Resource Compiler ("rcc")

- The Licensed Software's generator (only in the case of Qt Jambi if applicable)

- The Licensed Software's parts of the IDE tool ("Qt Creator")

- The Licensed Software's Emulator

- Build scripts, recipes and other material for creating the configuration of Licensed Software and/or 3rd party components, including the reference operating system configuration delivered in conjunction with the

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/*

* Written by Wilco Dijkstra, 1996. The following email exchange establishes the
* license.

*

* From: Wilco Dijkstra <Wilco.Dijkstra@ntlworld.com>

* Date: Fri, Jun 24, 2011 at 3:20 AM

* Subject: Re: sqrt routine

* To: Kevin Ma <kma@google.com>

* Hi Kevin,

* Thanks for asking. Those routines are public domain (originally posted to
* comp.sys.arm a long time ago), so you can use them freely for any purpose.

* Cheers,

* Wilco

*

* ----- Original Message -----

* From: "Kevin Ma" <kma@google.com>

* To: <Wilco.Dijkstra@ntlworld.com>

* Sent: Thursday, June 23, 2011 11:44 PM

* Subject: Fwd: sqrt routine

* Hi Wilco,

* I saw your sqrt routine from several web sites, including

* <http://www.finesse.demon.co.uk/steven/sqrt.html>.

* Just wonder if there's any copyright information with your Successive
* approximation routines, or if I can freely use it for any purpose.

* Thanks.

* Kevin

*/

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/*

* \$Id: pa_memorybarrier.h 1240 2007-07-17 13:05:07Z bjornroche \$

* Portable Audio I/O Library

* Memory barrier utilities

*

* Author: Bjorn Roche, XO Audio, LLC

*

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/*

* \$Id: pa_ringbuffer.c 1421 2009-11-18 16:09:05Z bjornroche \$

* Portable Audio I/O Library

* Ring Buffer utility.

*

* Author:

Phil Burk, <http://www.softsynth.com>

* modified for SMP safety on Mac OS X by Bjorn Roche

* modified for SMP safety on Linux by Leland Lucius

* also, allowed for const where possible

* modified for multiple-byte-sized data elements by Sven Fischer

*

* Note that this is safe only for a single-thread reader and a

* single-thread writer.

*

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Mesa 3-D graphics library

Version: 7.0

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```

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```
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```

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

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debug

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A tiny JavaScript debugging utility modelled after Node.js core's debugging technique. Works in Node.js and web browsers.

Installation

```
```bash
$ npm install debug
```
```

Usage

``debug`` exposes a function; simply pass this function the name of your module, and it will return a decorated version of ``console.error`` for you to pass debug statements to. This will allow you to toggle the debug output for different parts of your module as well as the module as a whole.

Example [`_app.js_`](./examples/node/app.js):

```
```js
var debug = require('debug')('http')
, http = require('http')
, name = 'My App';

// fake app

debug('booting %o', name);

http.createServer(function(req, res){
 debug(req.method + ' ' + req.url);
 res.end('hello\n');
}).listen(3000, function(){
 debug('listening');
});

// fake worker of some kind

require('./worker');
```
```

Example [`_worker.js_`](./examples/node/worker.js):

```
```js
var a = require('debug')('worker:a')
, b = require('debug')('worker:b');
```

```
function work() {
 a('doing lots of uninteresting work');
 setTimeout(work, Math.random() * 1000);
}

work();

function workb() {
 b('doing some work');
 setTimeout(workb, Math.random() * 2000);
}

workb();
...

```

The `DEBUG` environment variable is then used to enable these based on space or comma-delimited names.

Here  
are some examples:

```



```

#### Windows command prompt notes

##### CMD

On Windows the environment variable is set using the `set` command.

```
```cmd
set DEBUG=*,-not_this
```

```

Example:

```
```cmd
set DEBUG=* & node app.js
```

```

##### PowerShell (VS Code default)

PowerShell uses different syntax to set environment variables.

```
```cmd
$env:DEBUG = "*,-not_this"
```
```

Example:

```
```cmd
$env:DEBUG='app';node app.js
```
```

Then, run the program to be debugged as usual.

npm script example:

```
```js
"windowsDebug":
"@powershell -Command $env:DEBUG='*';node app.js",
```
```

## ## Namespace Colors

Every debug instance has a color generated for it based on its namespace name. This helps when visually parsing the debug output to identify which debug instance a debug line belongs to.

### #### Node.js

In Node.js, colors are enabled when stderr is a TTY. You also should install the `[`supports-color`](https://npmjs.org/supports-color)` module alongside debug, otherwise debug will only use a small handful of basic colors.



### #### Web Browser

Colors are also enabled on "Web Inspectors" that understand the ``%c`` formatting option. These are WebKit web inspectors, Firefox ([since version 31](https://hacks.mozilla.org/2014/05/editable-box-model-multiple-selection-sublime-text-keys-much-more-firefox-developer-tools-episode-31/)) and the Firebug plugin for Firefox (any version).



## ## Millisecond diff

When actively developing an application it can be useful to see when the time spent between one `debug()` call and the next. Suppose for example you invoke `debug()` before requesting a resource, and after as well, the "+NNNms" will show you how much time was spent between calls.

```

```

When stdout is not a TTY, `Date#toISOString()` is used, making it more useful for logging the debug information as shown below:

```

```

## ## Conventions

If you're using this in one or more of your libraries, you should use the name of your library so that developers may toggle debugging as desired without guessing names. If you have more than one debuggers you should prefix them with your library name and use ":" to separate features. For example "bodyParser" from Connect would then be "connect:bodyParser". If you append a "\*" to the end of your name, it will always be enabled regardless of the setting of the DEBUG environment variable. You can then use it for normal output as well as debug output.

## ## Wildcards

The `*` character may be used as a wildcard. Suppose for example your library has debuggers named "connect:bodyParser", "connect:compress", "connect:session", instead of listing all three with

```
`DEBUG=connect:bodyParser,connect:compress,connect:session`, you may simply do
`DEBUG=connect:*`, or to run everything using this module simply use `DEBUG=*`.
```

You can also exclude specific debuggers by prefixing them with a "-" character. For example, `DEBUG=*,-connect:*`` would include all debuggers except those starting with "connect:".

## ## Environment Variables

When running through Node.js, you can set a few environment variables that will change the behavior of the debug logging:

| Name                             | Purpose                                           |
|----------------------------------|---------------------------------------------------|
| <code>`DEBUG`</code>             | Enables/disables specific debugging namespaces.   |
| <code>`DEBUG_HIDE_DATE`</code>   | Hide date from debug output (non-TTY).            |
| <code>`DEBUG_COLORS`</code>      | Whether or not to use colors in the debug output. |
| <code>`DEBUG_DEPTH`</code>       | Object inspection depth.                          |
| <code>`DEBUG_SHOW_HIDDEN`</code> | Shows hidden properties on inspected objects.     |

\_\_Note:\_\_ The environment variables beginning with `DEBUG\_` end up being converted into an Options object that gets used with `%o`/`%O` formatters. See the Node.js documentation for `[util.inspect()]`([https://nodejs.org/api/util.html#util\\_util\\_inspect\\_object\\_options](https://nodejs.org/api/util.html#util_util_inspect_object_options)) for the complete list.

## ## Formatters

Debug uses `[printf-style]`([https://wikipedia.org/wiki/Printf\\_format\\_string](https://wikipedia.org/wiki/Printf_format_string)) formatting. Below are the officially supported formatters:

| Formatter | Representation                                                                            |
|-----------|-------------------------------------------------------------------------------------------|
| `%O`      | Pretty-print an Object on multiple lines.                                                 |
| `%o`      | Pretty-print an Object all on a single line.                                              |
| `%s`      | String.                                                                                   |
| `%d`      | Number (both integer and float).                                                          |
| `%j`      | JSON. Replaced with the string '[Circular]' if the argument contains circular references. |
| `%%`      | Single percent sign ('%'). This does not consume an argument.                             |

## ### Custom formatters

You can add custom formatters by extending the ``debug.formatters`` object. For example, if you wanted to add support for rendering a Buffer as hex with ``%h``, you could do something like:

```
```js
const createDebug = require('debug')
createDebug.formatters.h = (v) => {
  return v.toString('hex')
}

// elsewhere
const debug = createDebug('foo')
debug('this is hex: %h', new Buffer('hello world'))
// foo this is hex: 68656c6c6f20776f726c6421 +0ms
```
```

## ## Browser Support

You can build a browser-ready script using `[browserify]`(<https://github.com/substack/node-browserify>), or

just use the [browserify-as-a-service](https://wzrd.in/) [build](https://wzrd.in/standalone/debug@latest), if you don't want to build it yourself.

Debug's enable state is currently persisted by `localStorage`. Consider the situation shown below where you have `worker:a` and `worker:b`, and wish to debug both. You can enable this using `localStorage.debug`:

```
```js
localStorage.debug = 'worker:*'
```
```

And then refresh the page.

```
```js
a = debug('worker:a');
b = debug('worker:b');

setInterval(function(){
  a('doing some work');
}, 1000);

setInterval(function(){
  b('doing some work');
}, 1200);
```
```

### ## Output streams

By default `debug` will log to stderr, however this can be configured per-namespace by overriding the `log` method:

Example [\_stdout.js\_](./examples/node/stdout.js):

```
```js
var debug = require('debug');
var error = debug('app:error');

// by default stderr is used
error('goes to stderr!');

var log = debug('app:log');
// set this namespace to log via console.log
log.log
= console.log.bind(console); // don't forget to bind to console!
log('goes to stdout');
error('still goes to stderr!');
```

```
// set all output to go via console.info
// overrides all per-namespace log settings
debug.log = console.info.bind(console);
error('now goes to stdout via console.info');
log('still goes to stdout, but via console.info now');
...

```

Extend

You can simply extend debugger

```
```js
```

```
const log = require('debug')('auth');
```

```
//creates new debug instance with extended namespace
```

```
const logSign = log.extend('sign');
```

```
const logLogin = log.extend('login');
```

```
log('hello'); // auth hello
```

```
logSign('hello'); //auth:sign hello
```

```
logLogin('hello'); //auth:login hello
```

```
...

```

### ## Set dynamically

You can also enable debug dynamically by calling the `enable()` method :

```
```js
```

```
let debug = require('debug');
```

```
console.log(1, debug.enabled('test'));
```

```
debug.enable('test');
```

```
console.log(2, debug.enabled('test'));
```

```
debug.disable();
```

```
console.log(3, debug.enabled('test'));
```

```
...

```

```
print :
```

```
...

```

```
1
```

```
  false
```

```
2 true
```

```
3 false
```

```
...

```

Usage :

```
`enable(namespaces)`
```


`namespaces` can include modes separated by a colon and wildcards.

Note that calling `enable()` completely overrides previously set DEBUG variable :

```
...
$ DEBUG=foo node -e 'var dbg = require("debug"); dbg.enable("bar"); console.log(dbg.enabled("foo"))'
=> false
...
```

Checking whether a debug target is enabled

After you've created a debug instance, you can determine whether or not it is enabled by checking the `enabled` property:

```
````javascript
const debug = require('debug')('http');

if (debug.enabled) {
 // do stuff...
}
````
```

You can also manually toggle this property to force the debug instance to be enabled or disabled.

Authors

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node-http-proxy

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^tools/utis/qtcreator/

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language: node_js

node_js:

- "6"

- "8"

cache:

directories:

- "node_modules"

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`cssmin.py` - A Python port of the YUI CSS compressor.

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language: node_js
node_js:
  - '0.12'
  - '4'
  - '6'
  - '7'
before_install:
  - npm install -g npm@latest
Copyright (c) 2013 Aleksey Tulinov <aleksey.tulinov@gmail.com>
```

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// Original can be found at:

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

// Modifications by Joshua Bell 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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v4.0.1 (2016-12-14)

WHOOPS

* [fb9b1ce](https://github.com/npm/nopt/commit/fb9b1ce57b3c69b4f7819015be87719204f77ef6)

Merged so many patches at once that the code fencing

([@adius](https://github.com/adius)) added got broken. Sorry,
([@adius](https://github.com/adius))!
([@othiym23](https://github.com/othiym23))

v4.0.0 (2016-12-13)

BREAKING CHANGES

* [651d447](https://github.com/npm/nopt/commit/651d4473946096d341a480bbe56793de3fc706aa)
When parsing String-typed arguments, if the next value is `""`, don't simply
swallow it. ([@samjonester](https://github.com/samjonester))

PERFORMANCE TWEAKS

* [3370ce8](https://github.com/npm/nopt/commit/3370ce87a7618ba228883861db84ddbdcff252a9)
Simplify initialization. ([@elidoran](https://github.com/elidoran))
* [356e58e](https://github.com/npm/nopt/commit/356e58e3b3b431a4b1af7fd7bdee44c2c0526a09)
Store `Array.isArray(types[arg])` for reuse.
([@elidoran](https://github.com/elidoran))
* [0d95e90](https://github.com/npm/nopt/commit/0d95e90515844f266015b56d2c80b94e5d14a07e)
Interpret single-item type arrays as a single type.
([@samjonester](https://github.com/samjonester))
* [07c69d3](https://github.com/npm/nopt/commit/07c69d38b5186450941fbb505550becb78a0e925)
Simplify key-value extraction. ([@elidoran](https://github.com/elidoran))
* [39b6e5c](https://github.com/npm/nopt/commit/39b6e5c65ac47f60cd43a1fbeece5cd4c834c254)
Only call `Date.parse(val)` once. ([@elidoran](https://github.com/elidoran))
* [934943d](https://github.com/npm/nopt/commit/934943dffecb55123a2b15959fe2a359319a5dbd)
Use `osenv.home()` to find a user's home directory instead of assuming it's
always `\$HOME`. ([@othiym23](https://github.com/othiym23))

TEST & CI IMPROVEMENTS

* [326ffff](https://github.com/npm/nopt/commit/326ffff7f78a00bcd316adecf69075f8a8093619)
Fix `tmp` test to work on Windows.
([@elidoran](https://github.com/elidoran))
* [c89d31a](https://github.com/npm/nopt/commit/c89d31a49d14f2238bc6672db08da697bbc57f1b)
Only run Windows tests on Windows, only run Unix tests on a Unix.
([@elidoran](https://github.com/elidoran))
* [affd3d1](https://github.com/npm/nopt/commit/affd3d1d0addffa93006397b2013b18447339366)
Refresh Travis to run the tests against the currently-supported batch of npm
versions. ([@helio](https://github.com/helio)-frota)
* [55f9449](https://github.com/npm/nopt/commit/55f94497d163ed4d16dd55fd6c4fb95cc440e66d)
`tap@8.0.1` ([@othiym23](https://github.com/othiym23))

DOC TWEAKS

* [5271229](https://github.com/npm/nopt/commit/5271229ee7c810217dd51616c086f5d9ab224581)
Use JavaScript code block for syntax highlighting.

```

([@adius](https://github.com/adius))
* [c0d156f](https://github.com/npm/nopt/commit/c0d156f229f9994c5dfcec4a8886e9eff7a07682)
The code sample in the README had `many2: [ oneThing ]`, and now it has
`many2: [ two, things ]`. ([@silkenentrance](https://github.com/silkenentrance))
## *-makefile*-
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## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## others. All Rights Reserved.

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

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

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

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

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

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

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

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

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

```

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

```
## Dependency rules
```

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

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

```
## Versioned libraries rules
```

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

```
## Bind internal references
```

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

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

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

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

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source: <https://github.com/johan/world.geo.json>

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Included here to compliment the Pthreads-win32 license header in wtf/ThreadingWin.cpp file.
WebKit is using derived sources of ThreadCondition code from Pthreads-win32.

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reimplemented pthread_once with the same form as described by A.Terekhov (later version 2);
implementation of MCS (Mellor-Crummey/Scott) locks.
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Version : 6.1.3a

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The

code in this library is an extension of Bala Vatti's clipping algorithm:

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Communications of the ACM, Vol 35, Issue 7 (July 1992) pp 56-63.

<http://portal.acm.org/citation.cfm?id=129906>

Computer graphics and geometric modeling: implementation and algorithms

By Max K. Agoston

Springer; 1 edition (January 4, 2005)

<http://books.google.com/books?q=vatti+clipping+agoston>

See also:

"Polygon Offsetting by Computing Winding Numbers"

Paper no. DETC2005-85513 pp. 565-575

ASME 2005 International Design Engineering Technical Conferences

and Computers and Information in Engineering Conference (IDETC/CIE2005)

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<http://www.me.berkeley.edu/~mcmains/pubs/DAC05OffsetPolygon.pdf>

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(c) Dean McNamee <dean@gmail.com>, 2012.

C++ port by Konstantin Kfer <mail@kkaefer.com>, 2014.

<https://github.com/deanm/css-color-parser-js>

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

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`Id`

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#

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#

.gitignore

#

builds/unix/pkg.m4

#

docs/FTL.TXT

docs/GPLv2.TXT

#

include/freetype/internal/fthash.h

#

src/base/fthash.c

src/base/md5.c

src/base/md5.h

#

src/bdf/bdf.c

src/bdf/bdf.h

src/bdf/bdfdrivr.c

src/bdf/bdfdrivr.h

src/bdf/bdferror.h

src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk

src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk

src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h

src/tools/apinames.c
src/tools/ftrandom/ftrandom.c

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NPM License Checker

=====

[![Build Status](https://www.travis-ci.org/davglass/license-checker.svg?branch=master)](https://www.travis-ci.org/davglass/license-checker)

As of v17.0.0 the `failOn` and `onlyAllow` arguments take semicolons as delimiters instead of commas. Some license names contain commas and it messed with the parsing

Ever needed to see all the license info for a module and its dependencies?

It's this easy:

```
```shell
npm install -g license-checker
```

```
mkdir foo
cd foo
npm install yui-lint
license-checker
```
```

You should see something like this:

```
```
cli@0.4.3
 repository: http://github.com/chriso/cli
 licenses: MIT
glob@3.1.14
 repository: https://github.com/isaacs/node-glob
 licenses: UNKNOWN
graceful-fs@1.1.14
 repository: https://github.com/isaacs/node-graceful-fs
 licenses: UNKNOWN
inherits@1.0.0
 repository: https://github.com/isaacs/inherits
 licenses: UNKNOWN
jshint@0.9.1
 licenses: MIT
lru-cache@1.0.6
 repository: https://github.com/isaacs/node-lru-cache
 licenses: MIT
lru-cache@2.0.4
 repository: https://github.com/isaacs/node-lru-cache
 licenses: MIT
minimatch@0.0.5
 repository: https://github.com/isaacs/minimatch
 licenses: MIT
minimatch@0.2.9
 repository: https://github.com/isaacs/minimatch
```
```

```
licenses: MIT
sigmund@1.0.0
  repository: https://github.com/isaacs/sigmund
  licenses: UNKNOWN
yui-lint@0.1.1
  licenses: BSD
  repository: http://github.com/yui/yui-lint
...

```

An asterisk next to a license name means that it was deduced from an other file than package.json (README, LICENSE, COPYING, ...)

You could see something like this:

```
...
debug@2.0.0
  repository: https://github.com/visionmedia/debug
  licenses: MIT*
...

```

Options

- * `--production`` only show production dependencies.
- * `--development`` only show development dependencies.
- * `--start [path of the initial json to look for]``
- * `--unknown`` report guessed licenses as unknown licenses.
- * `--onlyunknown`` only list packages with unknown or guessed licenses.
- * `--json`` output in json format.
- * `--csv`` output in csv format.
- * `--csvComponentPrefix`` prefix column for component in csv format.
- * `--out [filepath]`` write the data to a specific file.
- * `--customPath`` to add a custom Format file in JSON
- * `--exclude [list]`` exclude modules which licenses are in the comma-separated list from the output
- * `--relativeLicensePath`` output the location of the license files as relative paths
- * `--summary`` output a summary of the license usage',
- * `--failOn [list]`` fail (exit with code 1) on the first occurrence of the licenses of the semicolon-separated list
- * `--onlyAllow [list]`` fail (exit with code 1) on the first occurrence of the licenses not in the semicolon-separated list
- * `--packages [list]`` restrict output to the packages (package@version) in the semicolon-separated list
- * `--excludePackages [list]`` restrict output to the packages (package@version) not in the semicolon-separated list
- * `--excludePrivatePackages``
restrict output to not include any package marked as private
- * `--direct`` look for direct dependencies only`

Exclusions

A list of licenses is the simplest way to describe what you want to exclude.

You can use valid [SPDX identifiers](https://spdx.org/licenses/).

You can use valid SPDX expressions like `MIT OR X11`.

You can use non-valid SPDX identifiers, like `Public Domain`, since `npm` does support some license strings that are not SPDX identifiers.

Examples

...

```
license-checker --json > /path/to/licenses.json
```

```
license-checker --csv --out /path/to/licenses.csv
```

```
license-checker --unknown
```

```
license-checker --customPath customFormatExample.json
```

```
license-checker --exclude 'MIT, MIT OR X11, BSD, ISC'
```

```
license-checker --packages 'react@16.3.0;react-dom@16.3.0;lodash@4.3.1'
```

```
license-checker --excludePackages 'internal-1;internal-2'
```

```
license-checker --onlyunknown
```

...

Custom format

The `--customPath` option can be used with CSV to specify the columns.

Note that

the first column, `module_name`, will always be used.

When used with JSON format, it will add the specified items to the usual ones.

The available items are the following:

- name
- version
- description
- repository
- publisher
- email
- url
- licenses
- licenseFile
- licenseText
- licenseModified

You can also give default values for each item.

See an example in customFormatExample.json.

Requiring

```

```js
var checker = require('license-checker');

checker.init({
 start: '/path/to/start/looking'
}, function(err, packages) {
 if (err) {
 //Handle error
 } else {
 //The sorted package data
 //as an Object
 }
});
```

```

Debugging

license-checker uses [debug](https://www.npmjs.com/package/debug) for internal logging. There's two internal markers:

- * `license-checker:error` for errors
- * `license-checker:log` for non-errors

Set the `DEBUG` environment variable to one of these to see debug output:

```

```shell
$
export DEBUG=license-checker*; license-checker
scanning ./yui-lint
cli@0.4.3
 repository: http://github.com/chriso/cli
 licenses: MIT
...
```

```

How Licenses are Found

We walk through the `node_modules` directory with the [read-installed](https://www.npmjs.org/package/read-installed) module. Once we gathered a list of modules we walk through them and look at all of their `package.json`s, We try to identify the license with the [spdx](https://www.npmjs.com/package/spdx) module to see if it has a valid SPDX license attached. If that fails, we then look into the module for the following files: `LICENSE`, `LICENCE`, `COPYING`, & `README`.

If one of the those files are found (in that order) we will attempt to parse the license data from it with a list of known license texts. This will be shown with the `*` next to the name of the license to show that we "guessed" at it.

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Installation

[Download JSON directly](https://raw.githubusercontent.com/shinmn/spdx-license-ids/master/index.json), or [use](https://docs.npmjs.com/cli/install) [npm](https://docs.npmjs.com/about-npm/):

...

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

...

[Node.js](https://nodejs.org/) API

```
### require('spdx-license-ids')
```

Type: `string[]`

All license IDs except for the currently deprecated ones.

```
```javascript
```

```
const ids = require('spdx-license-ids');
```



```
//=> ['0BSD', 'AAL', 'ADSL', 'AFL-1.1', 'AFL-1.2', 'AFL-2.0', 'AFL-2.1', 'AFL-3.0', 'AGPL-1.0-only', ...]
```

```
ids.includes('BSD-3-Clause'); //=> true
ids.includes('CC-BY-1.0'); //=>
true
```

```
ids.includes('GPL-3.0'); //=> false
...
```

```
require('spdx-license-ids/deprecated')
```

```
Type: `string[]`
```

Deprecated license IDs.

```
```javascript  
const deprecatedIds = require('spdx-license-ids/deprecated');  
//=> ['AGPL-1.0', 'AGPL-3.0', 'GFDL-1.1', 'GFDL-1.2', 'GFDL-1.3', 'GPL-1.0', 'GPL-2.0', ...]
```

```
deprecatedIds.includes('BSD-3-Clause'); //=> false  
deprecatedIds.includes('CC-BY-1.0'); //=> false
```

```
deprecatedIds.includes('GPL-3.0'); //=> true  
...
```

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

All

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

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now		
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'zlib' general purpose compression library
version 1.2.3, July 18th, 2005

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paid by due

date specified in The Qt Company's respective invoice, The Qt Company shall apply a reinstatement fee equal to ten percent (10 %) of the total value of the License Fees of the Development Licenses for the expired term to be added to the License Fee of the respective Renewal Term.

In the event Licensee chooses not to renew a Development License for a Renewal Term by notifying The Qt Company thereof no less than ninety (90) days before expiry of the respective License Term, Licensee may still reinstate such expired Development Licenses for a Renewal Term subject to applicable renewal Term License Fees until thirty (30) days from the expiry of the initially agreed License Term or preceding Renewal Term. After such thirty (30) day period a Development License shall be subject to applicable License Fees for a new Development License and not any Renewal Term License Fees.

3.2. Distribution of Applications

Subject to the terms of this Agreement, The Qt Company grants to Licensee a worldwide,

non-exclusive, non-transferable, revocable (for cause pursuant to this Agreement) right and license, valid for the Term, to

- (i) distribute, by itself or through its Contractors, Redistributables as installed, incorporated or integrated into Applications for execution on the Deployment Platforms, and
- (ii) grant sublicenses to Redistributables, as distributed hereunder, for Customers solely for Customer's internal use and to the extent necessary in order for the Customers to use the Applications for their respective intended purposes.

Right to distribute the Redistributables as part of an Application as provided herein is not royalty-bearing but is conditional upon the Licensee not having any unpaid License Fees for Development Licenses owed to The Qt Company at the time of distribution of any Redistributables to Customers.

3.3. Distribution of Devices

Subject to the terms of this Agreement, The Qt Company grants to Licensee a

worldwide, non-exclusive, non-transferable, revocable (for cause pursuant to this Agreement) right and license, valid for the Term, to

- (i) distribute, by itself or through one or more tiers of Contractors, Redistributables as installed, incorporated or integrated, or intended to be installed, incorporated or integrated into Devices for execution on the Deployment Platforms, and
- (ii) grant sublicenses to Redistributables, as distributed hereunder, for Customers solely for Customer's internal use and to the extent necessary in order for the Customers to use the Devices for their respective intended purposes.

Right to distribute the Redistributables with Devices as provided herein is

conditional upon the Licensee (i) not having any unpaid License Fees for Development Licenses owed to The Qt Company, and (ii) having purchased and paid corresponding Distribution Licenses at the time of distribution of any Redistributables to Customers.

3.4. Further Requirements

The licenses granted above in this Section 3 by The Qt Company to Licensee are conditional and subject to Licensee's compliance with the following terms:

- (i) Licensee shall not remove or alter any copyright, trademark or other proprietary rights notice(s) contained in any portion of the Licensed Software;
- (ii) Applications must add primary and substantial functionality to the Licensed Software so as not to compete with the Licensed Software;
- (iii) Applications may not pass on functionality which in any way makes it possible for others to create software with the Licensed Software; provided however that Licensee may use the Licensed Software's scripting and QML ("Qt Quick") functionality solely in order to enable scripting, themes and styles that augment the functionality and appearance of the

Application(s) without adding

primary and substantial functionality to the Application(s);

- (iv) Licensee shall not use Licensed Software in any manner or for any purpose that infringes, misappropriates or otherwise violates any Intellectual property or right of any third party, or that violates any applicable law;
- (v) Licensee shall not use The Qt Company's or any of its suppliers' names, logos, or trademarks to market Applications, except that Licensee may use "Built with Qt" logo to indicate that Application(s) was developed using the Licensed Software;
- (vi) Licensee shall not distribute, sublicense or disclose source code of Licensed Software to any third party (provided however that Licensee may appoint employee(s) of Contractors as Designated Users to use Licensed Software pursuant to this Agreement). Such right may be available

for the Licensee subject to a separate

software development kit ("SDK") license agreement to be concluded with The Qt Company;

- (vii) Licensee shall not grant the Customers a right to (i) make copies of the Redistributables except when and to the extent required to use the Applications and/or Devices for their intended purpose, (ii) modify the Redistributables or create derivative works thereof, (iii) decompile, disassemble or otherwise reverse engineer Redistributables, or (iv) redistribute any copy or portion of the Redistributables to any third party, except as part of the onward sale of the Device on which the Redistributables are installed;
- (viii) Licensee shall not and shall cause that its Affiliates or

Contractors shall not use Licensed Software in any Prohibited Combination, unless Licensee has received an advance written

permission from The Qt Company to do so. Absent such written permission, any and all distribution by the Licensee during the Term of a hardware device or product a) which incorporate or integrate any part of Licensed Software or Open Source Qt; or b) where the main user interface or substantial functionality is provided by software built with Licensed Software or Open Source Qt or otherwise depends on the Licensed Software or Open Source Qt, shall be considered to be Device distribution under this Agreement and shall be dependent on Licensee's compliance thereof (including but not limited to obligation to pay applicable License Fees for such distribution). Notwithstanding what is provided above in this sub-section (viii), Licensee is entitled to use and combine Qt 3D Studio and/or Qt Design Studio with Open Source Qt ("Permitted

Combination") for its internal evaluation purposes,

provided that Licensee shall in no way transfer, publish, disclose, display or otherwise make available any software or work resulting from such Permitted Combination;

- (ix) Licensee shall cause all of its Affiliates and Contractors entitled to make use of the licenses granted under this Agreement, to be contractually bound to comply with the relevant terms of this Agreement and not to use the Licensed Software beyond the terms hereof and for any purposes other than operating within the scope of their services for Licensee. Licensee shall be responsible for any and all actions and omissions of its Affiliates and Contractors relating to the Licensed Software and use thereof (including but not limited to payment of all applicable License Fees);

(x) Except when and to the extent explicitly provided in this Section

3, Licensee shall not transfer, publish, disclose, display or otherwise make available the Licensed Software; and

- (xi) Licensee shall not attempt or enlist a third party to conduct or attempt to conduct any of the above.

Above terms shall not be applicable if and to the extent they conflict with any mandatory provisions of any applicable laws.

Any use of Licensed Software beyond the provisions of this Agreement is strictly prohibited and requires an additional license from The Qt Company.

4. THIRD-PARTY SOFTWARE

The Licensed Software may provide links to third party libraries or code (collectively "Third-Party Software") to implement various functions.

Third-Party Software does not comprise part of the Licensed Software. In some cases, access to Third-Party Software may be included with the Licensed

Software. Such Third-Party Software will be listed in the ".../src/3rdparty" source tree delivered with the Licensed Software or documented in the Licensed Software, as such may be amended from time to time. Licensee acknowledges that use or distribution of Third-Party Software is in all respects subject to applicable license terms of applicable third-party right holders.

5. PRE-RELEASE CODE

The Licensed Software may contain pre-release code and functionality, or sample code marked or otherwise stated with appropriate designation such as "Technology Preview", "Alpha", "Beta", "Sample" etc. ("Pre-Release Code").

Such Pre-Release Code may be present complimentary for the Licensee, in order to provide experimental support or information for new platforms or preliminary versions of one or more new functionalities or for other similar reasons. The Pre-Release Code may not be at the level of performance and compatibility of a final, generally available, product offering. The Pre-Release Code may not operate correctly, may contain errors and may be substantially modified by The Qt Company prior to the first commercial product release, if any. The Qt Company is under no obligation to make Pre-Release Code commercially available, or provide any Support or Updates relating thereto. The Qt Company assumes no liability whatsoever regarding any Pre-Release Code, but any use thereof is exclusively at Licensee's own risk and expense.

For clarity, unless Licensed Software specifies different license terms for the respective Pre-Release Code, the Licensee is entitled to use such pre-release code pursuant to Section 3, just like other Licensed Software, provided however that in the event Add-on Products are included and available as such Pre-Release Code, Licensee's right to use such Add-on Products is nevertheless subject to and conditional upon conclusion of separate agreement with The Qt Company.

6. LIMITED WARRANTY AND WARRANTY DISCLAIMER

The Qt Company hereby represents and warrants that it has the power and authority to grant the rights and licenses granted to Licensee under this Agreement.

Except as set forth above, the Licensed Software is licensed to Licensee "as is" and Licensee's exclusive remedy and The Qt Company's entire liability for errors in the Licensed Software shall be limited, at The Qt Company's option, to correction of the error, replacement of the Licensed Software or return of the applicable fees paid for the defective Licensed Software for the time period during which the License is not able to utilize the Licensed Software under the terms of this Agreement.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE QT COMPANY ON BEHALF OF

ITSELF AND ITS LICENSORS, SUPPLIERS AND AFFILIATES, DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT WITH REGARD TO THE LICENSED SOFTWARE. THE QT COMPANY DOES NOT WARRANT THAT THE LICENSED SOFTWARE WILL SATISFY LICENSEE'S REQUIREMENTS OR THAT IT WILL OPERATE WITHOUT DEFECT OR ERROR OR THAT THE OPERATION THEREOF WILL BE UNINTERRUPTED.

7. INDEMNIFICATION AND LIMITATION OF LIABILITY

7.1. Limitation of Liability

EXCEPT FOR (I) CASES OF GROSS NEGLIGENCE OR INTENTIONAL MISCONDUCT, AND (II) BREACH OF CONFIDENTIALITY, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL EITHER PARTY BE LIABLE TO THE OTHER PARTY FOR ANY LOSS OF PROFIT, LOSS OF DATA, LOSS OF BUSINESS OR GOODWILL OR ANY OTHER INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE COST, DAMAGES OR EXPENSE OF ANY KIND, HOWSOEVER ARISING UNDER OR IN CONNECTION WITH THIS AGREEMENT.

EXCEPT FOR (I) CASES OF GROSS NEGLIGENCE OR INTENTIONAL MISCONDUCT, AND (II) BREACH OF CONFIDENTIALITY, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL EITHER PARTY'S TOTAL AGGREGATE LIABILITY UNDER THIS AGREEMENT EXCEED THE AGGREGATE LICENSE FEES PAID OR PAYABLE TO THE QT COMPANY FROM LICENSEE DURING THE PERIOD OF TWELVE (12) MONTHS IMMEDIATELY PRECEDING THE EVENT RESULTING IN SUCH LIABILITY.

THE

PROVISIONS OF THIS SECTION 7 ALLOCATE THE RISKS UNDER THIS AGREEMENT BETWEEN THE QT COMPANY AND LICENSEE AND THE PARTIES HAVE RELIED UPON THE LIMITATIONS SET FORTH HEREIN IN DETERMINING WHETHER TO ENTER INTO THIS AGREEMENT.

NOTWITHSTANDING ANYTHING TO THE CONTRARY IN THIS AGREEMENT, LICENSEE SHALL ALWAYS BE LIABLE TO PAY THE APPLICABLE LICENSE FEES CORRESPONDING TO ITS ACTUAL USE OF LICENSED SOFTWARE.

8. SUPPORT, UPDATES AND ONLINE SERVICES

Upon due payment of the agreed License Fees the Licensee will be eligible to receive Support and Updates and to use the Online Services during the License Term, provided, however, that in the event the License Term is longer than 36 months, the initial payment includes Support for only the first 12 months, unless the Parties specifically otherwise agree.

Unless otherwise decided by The Company at its free and absolute discretion, Upgrades will not be included in the Support but may be available subject to additional fees.

From time

to time The Qt Company may change the Support terms, provided that during the respective ongoing License Term the level of Support provided by The Qt Company may not be reduced without the consent of the Licensee.

Unless otherwise agreed, The Qt Company shall not be responsible for providing any service or support to Customers.

9. CONFIDENTIALITY

Each Party acknowledges that during the Term of this Agreement each Party may receive information about the other Party's business, business methods, business plans, customers, business relations, technology, and other information, including the terms of this Agreement, that is confidential and of great value to the other Party, and the value of which would be significantly reduced if disclosed to third parties ("Confidential Information").

Accordingly, when a Party (the "Receiving Party") receives Confidential Information from the other Party (the "Disclosing Party"), the Receiving Party shall only disclose such information to employees and

Contractors on a need to

know basis, and shall cause its employees and employees of its Affiliates to:

(i) maintain any and all Confidential Information in confidence; (ii) not disclose the Confidential Information to a third party without the Disclosing Party's prior written approval; and (iii) not, directly or indirectly, use the Confidential Information for any purpose other than for exercising its rights and fulfilling its responsibilities pursuant to this Agreement. Each Party shall take reasonable measures to protect the Confidential Information of the other Party, which measures shall not be less than the measures taken by such Party to protect its own confidential and proprietary information.

Obligation of confidentiality shall not apply to information that (i) is or becomes generally known to the public through no act or omission of the Receiving Party; (ii) was in the Receiving Party's lawful possession prior to the disclosure hereunder and was not subject to limitations

on disclosure or

use; (iii) is developed independently by employees or Contractors of the Receiving Party or other persons working for the Receiving Party who have not had access to the Confidential Information of the Disclosing Party, as proven by the written records of the Receiving Party; (iv) is lawfully disclosed to the Receiving Party without restrictions, by a third party not under an obligation of confidentiality; or (v) the Receiving Party is legally compelled to disclose, in which case the Receiving Party shall notify the Disclosing Party of such compelled disclosure and assert the privileged and confidential nature of the information and cooperate fully with the Disclosing Party to limit the scope of disclosure and the dissemination of disclosed Confidential Information to the minimum extent necessary.

The obligations under this Section 9 shall continue to remain in force for a period of five (5) years after the last disclosure, and, with respect to trade secrets, for so long

as such trade secrets are protected under applicable trade secret laws.

10. FEES, DELIVERY AND PAYMENT

10.1. License Fees

License Fees are described in The Qt Company's standard price list, quote or Purchase Order confirmation or in an appendix hereto, as the case may be.

The License Fees shall not be refunded or claimed as a credit in any event or for any reason whatsoever.

10.2. Ordering Licenses

Licensee may purchase Development Licenses and Distribution Licenses pursuant to agreed pricing terms or, if no specific pricing terms have been agreed upon, at The Qt Company's standard pricing terms applicable at the time of purchase. Unless specifically otherwise provided, any pricing terms referenced in this Agreement shall be valid for twelve (12) months from the date of this Agreement.

Licensee shall submit all purchase orders for Development Licenses and Distribution Licenses to The Qt Company by email or any other method acceptable to The Qt Company (each such order is referred to herein as a "Purchase Order") for confirmation, whereupon the Purchase Order shall become binding between the Parties.

10.3. Distribution License Packs

Unless otherwise agreed, Distribution Licenses shall be purchased by way of Distribution License Packs.

Upon due payment of the ordered Distribution License Pack(s), the Licensee will have an account of Distribution Licenses available for distributing the Redistributables in accordance with this Agreement.

Each time Licensee distributes a copy of Redistributables, then one Distribution License is used, and Licensee's account of available Distribution Licenses is decreased accordingly. Licensee may distribute copies of the Redistributables so long as Licensee has Distribution Licenses remaining on its account.

10.4. Payment Terms

License Fees and any other charges under this Agreement shall be paid by Licensee no later than thirty (30) days from the date of the applicable invoice from The Qt Company.

The Qt Company will submit an invoice to Licensee after the date of this Agreement and/or after The Qt Company receives a Purchase Order from Licensee.

A late payment charge of the lower of (a) one percent per month; or (b) the interest rate stipulated by applicable law, shall be charged on any unpaid balances that remain past due.

10.5. Taxes

All License Fees and other charges payable hereunder are gross amounts but exclusive of any value added tax, use tax, sales tax, withholding tax and other taxes, duties or tariffs ("Taxes") levied directly for the sale, delivery or use of Licensed Software hereunder pursuant to any applicable law. Such applicable Taxes shall be paid by Licensee to The Qt Company, or, where applicable, in lieu of payment of such Taxes to The Qt Company, Licensee shall provide an exemption certificate to The Qt Company and any applicable authority.

11. RECORD-KEEPING AND REPORTING OBLIGATIONS; AUDIT RIGHTS

11.1. Licensee's Record-keeping

Licensee shall at all times during the Term of this

Agreement and for a period

of seven (7) years thereafter maintain Licensee's Records in an accurate and up-to-date form. Licensee's Records shall be adequate to reasonably enable The Qt Company to determine Licensee's compliance with the provisions of this Agreement. The records shall conform to general good accounting practices.

Licensee shall, within thirty (30) days from receiving The Qt Company's request to that effect, deliver to The Qt Company a report based on Licensee's Records, such report to contain information, in sufficient detail, on (i) number and identity of users working with Licensed Software or Open Source Qt, (ii) copies of Redistributables distributed by Licensee during the most recent calendar quarter and/or any other term specified by The Qt Company, (iii) number of undistributed copies of Redistributables and corresponding number of unused Distribution Licenses remaining on Licensee's account, and (iv) any other information as The Qt Company may reasonably require from time to time.

11.2. The Qt Company's Audit Rights

The Qt Company or an independent auditor acting on behalf of The Qt Company's, may, upon at least five (5) business days' prior written notice and at its expense, audit Licensee with respect to the Licensee's use of the Licensed Software, but not more frequently than once during each 6-month period. Such audit may be conducted by mail, electronic means or through an in-person visit to Licensee's place of business. Any such in-person audit shall be conducted during regular business hours at Licensee's facilities and shall not unreasonably interfere with Licensee's business activities. The Qt Company or the independent auditor acting on behalf of The Qt Company shall be entitled to inspect Licensee's Records and conduct necessary interviews of Licensee's relevant employees and Contractors. All such Licensee's Records and use thereof shall be subject to an obligation of confidentiality under this Agreement.

If an audit reveals that

Licensee is using the Licensed Software beyond scope of the licenses Licensee has paid for, Licensee agrees to pay The Qt Company any amounts owed for such unauthorized use within 30 days from receipt of the corresponding invoice from The Qt Company. In addition, in the event the audit reveals a material violation of the terms of this Agreement (without limitation, either (i) underpayment of more than 10 % of License Fees or 10,000 euros (whichever is more) or (ii) distribution of products, which include or result from Prohibited Combination, shall be deemed a material violation for purposes of this section), then the Licensee shall pay The Qt Company's reasonable cost of conducting such audit.

12. TERM AND TERMINATION

12.1. Agreement Term

This Agreement shall enter into force upon due acceptance by both Parties and remain in force for as long as there is any Development License(s) purchased under this Agreement in force ("Term"), unless and until terminated pursuant to the terms of this Section 12.

12.2. Termination and suspension of rights

Either Party shall have the right to terminate this Agreement upon thirty (30) days prior written notice if the other Party commits a material breach of any obligation of this Agreement and fails to remedy such breach within such notice period.

Instead of termination, The Qt Company shall have the right to suspend or withhold grants of all rights to the Licensed Software hereunder, including but not limited to the Development Licenses, Distribution License, and Support, should Licensee fail to make payment in timely fashion or otherwise violates or is reasonably suspected to violate its obligations or terms of this Agreement, and where such violation or breach is not cured within five (5) business days following The Qt Company's written notice thereof.

12.3. Mutual Right to Terminate

Either Party shall have the right to terminate this Agreement immediately upon written notice in the event that the other Party becomes insolvent, files for any form of bankruptcy, makes any assignment for the benefit of creditors, has a receiver, administrative receiver or officer appointed over the whole or a substantial part of its assets, ceases to conduct business, or an act equivalent to any of the above occurs under the laws of the jurisdiction of the other Party.

12.4. Parties Rights and Duties upon Termination

Upon expiry or termination of the Agreement, Licensee shall cease and shall cause all Designated Users (including those of its Affiliates' and Contractors') to cease using the Licensed Software and distribution of the Redistributables under this Agreement.

Notwithstanding the above, in the event the Agreement expires or is terminated:

- (i) as a result of The Qt Company choosing not to renew the Development License(s) as set forth in Section 3.1, then all valid licenses possessed by the Licensee at such date shall be extended to be valid in perpetuity under the terms of this Agreement and Licensee is entitled to purchase additional licenses as set forth in Section 10.2; or
- (ii) for reason other than by The Qt Company pursuant to item (i) above or pursuant to Section 12.2, then the Licensee is entitled, for a period of six (6) months after the effective date of termination, to continue distribution of Devices under the Distribution Licenses paid but unused at such effective date of termination.

Upon any such termination the Licensee shall destroy or return to The Qt Company all copies of the Licensed Software and all related materials and will certify the same to The Qt Company upon its request, provided however that Licensee may retain and exploit such copies of the Licensed Software as it may reasonably require in providing continued support to Customers.

Expiry or termination of this Agreement for any reason whatsoever shall not relieve Licensee of its obligation to pay any License Fees accrued or payable to The Qt Company prior to the effective date of termination, and Licensee shall immediately pay to The Qt Company all such fees upon the effective date of termination. Termination of this Agreement shall not affect any rights of Customers to continue use of Applications and Devices (and therein incorporated Redistributables).

12.5. Extension in case of bankruptcy

In the event The Qt Company is declared bankrupt under a final, non-cancellable decision by relevant court of law, and this Agreement is not, at the date of expiry of the Development License(s) pursuant to Section 3.1, assigned to party, who has assumed The Qt Company's position as a legitimate licensor of Licensed Software under this Agreement, then all valid licenses possessed by the Licensee at such date of expiry, and which the Licensee has not notified for expiry, shall be extended to be valid in perpetuity under the terms of this Agreement.

13. GOVERNING LAW AND LEGAL VENUE

In

the event this Agreement is in the name of The Qt Company Inc., a Delaware Corporation, then:

- (i) this Agreement shall be construed and interpreted in accordance with the laws of the State of California, USA, excluding its choice of law provisions;
- (ii) the United Nations Convention on Contracts for the International

Sale of Goods will not apply to this Agreement; and

(iii) any dispute, claim or controversy arising out of or relating to this Agreement or the breach, termination, enforcement, interpretation or validity thereof, including the determination of the scope or applicability of this Agreement to arbitrate, shall be determined by arbitration in San Francisco, USA, before one arbitrator. The arbitration shall be administered by JAMS pursuant to JAMS' Streamlined Arbitration Rules and Procedures. Judgment on the Award may be entered in any court having jurisdiction. This Section shall not preclude parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction.

In the event this Agreement is in the name of The Qt Company Ltd., a Finnish Company, then:

(i) this Agreement shall be construed and interpreted in accordance with the laws of Finland, excluding its choice of law provisions;

(ii) the United Nations Convention on Contracts for the International Sale of Goods will not apply to this Agreement; and

(iii) any disputes, controversy or claim arising out of or relating to this Agreement, or the breach, termination or validity thereof shall be finally settled by arbitration in accordance with the Arbitration Rules of Finland Chamber of Commerce. The arbitration tribunal shall consist of one (1), or if either Party so requires, of three (3), arbitrators. The award shall be final and binding and enforceable in any court of competent jurisdiction. The arbitration shall be held in Helsinki, Finland and the process shall be conducted in the English language. This Section shall not preclude parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction.

14. GENERAL PROVISIONS

14.1. No Assignment

Except in the case of a merger or sale of substantially all of its corporate assets, Licensee shall not be entitled to assign or transfer all or any of its rights, benefits and obligations under this Agreement without the prior written consent of The Qt Company, which shall not be unreasonably withheld or delayed. The Qt Company shall be entitled to freely assign or transfer any of its rights, benefits or obligations under this Agreement.

14.2. No Third-Party Representations

Licensee shall make no representations or warranties concerning the Licensed Software on behalf of The Qt Company. Any representation or warranty Licensee makes or purports to make on The Qt Company's behalf shall be void as to The Qt Company.

14.3. Surviving Sections

Any terms and conditions that by their nature or otherwise reasonably should survive termination of this Agreement shall so be deemed to survive. Such sections include especially the following: 1, 2, 6, 7, 9, 11, 12.4, 13 and 14.

14.4. Entire Agreement

This Agreement, the exhibits hereto, the License Certificate and any applicable Purchase Order accepted by The Qt Company constitute the complete agreement between the Parties and supersedes all prior or contemporaneous discussions, representations, and proposals, written or oral, with respect to the subject matters discussed herein.

In the event of any conflict or inconsistency between this Agreement and any Purchase Order, the terms of this Agreement will prevail over the terms of the Purchase Order with respect to such conflict or inconsistency.

Parties specifically acknowledge and agree that this Agreement prevails over any click-to-accept or similar agreements the Designated Users may need to accept online upon download of the Licensed Software, as may be required by The Qt Company's applicable processes relating to Licensed Software.

14.5. Modifications

No modification of this Agreement shall be effective unless contained in a writing executed by an authorized representative of each Party. No term or condition contained in Licensee's Purchase Order ("Deviating Terms") shall apply unless The Qt Company has expressly agreed such Deviating Terms in writing. Unless and to the extent expressly agreed by The Qt Company, any such Deviating Terms shall be deemed void and with no legal effect. For clarity, delivery of the Licensed Software following the receipt of the Purchase Order including Deviating Terms shall not constitute acceptance of such Deviating Terms."

14.6. Force Majeure

Except for the payment obligations hereunder, neither Party shall be liable to the other for any delay or non-performance of its obligations hereunder in the event and to the extent that such delay or non-performance is due to an event of act of God, terrorist attack or other similar unforeseeable catastrophic event that prevents either Party for fulfilling its obligations under this Agreement and which such Party cannot avoid or circumvent ("Force Majeure Event"). If the Force Majeure Event results in a delay or non-performance of a Party for a period of three (3) months or longer, then either Party shall have the right to terminate this Agreement with immediate effect without any liability (except for the obligations of payment arising prior to the event of Force Majeure) towards the other Party.

14.7. Notices

Any notice given by one Party to the other shall be deemed properly given and deemed received if specifically acknowledged by the receiving Party in writing or when successfully delivered to the recipient by hand, fax, or special courier during normal business hours on a business day to the addresses specified for each Party on the signature page. Each communication and document made or delivered by one Party to the other Party pursuant to this Agreement shall be in the English language.

14.8. Export Control

Licensee acknowledges that the Redistributables, as incorporated in Applications or Devices, may be subject to export control restrictions under the applicable laws of respective countries. Licensee shall fully comply with all applicable export license restrictions and requirements as well as with all laws and regulations relating to the Redistributables and exercise of licenses hereunder and shall procure all necessary governmental authorizations, including without limitation, all necessary licenses, approvals, permissions or consents, where necessary for the re-exportation of the Redistributables, Applications and/or Devices.

14.9. No Implied License

There are no implied licenses or other implied rights granted under this Agreement, and all rights, save for those expressly granted hereunder, shall remain with The Qt Company and its licensors. In addition, no licenses or immunities are granted to the combination of the Licensed Software with any other software or hardware not delivered by The Qt Company under this Agreement.

14.10. Attorney Fees

The prevailing Party in any action to enforce this Agreement shall be entitled to recover its attorney's fees and costs in connection with such action.

14.11. Privacy

Licensee acknowledges and agrees that for the purpose of this Agreement, The Qt Company may collect, use, transfer and disclose personal data pertaining to Designated Users as well as any other employees and directors of the Licensee and its Contractors relevant for carrying out the intent of this Agreement. Such personal data may be collected from the Licensee or directly from the relevant individuals. The Parties acknowledge that with regard to such personal data processed hereunder, The Qt Company shall be regarded as the Data Controller under the applicable Data Protection Legislation. The Qt Company shall process any such personal data in accordance with its privacy policies and practices, which will comply with all applicable requirements of the Data Protection Legislation.

14.12. Severability

If any provision of this Agreement shall be adjudged by any court of competent jurisdiction to be unenforceable or invalid, that provision shall be limited or eliminated to the minimum extent necessary so that this Agreement shall otherwise remain in full force and effect and enforceable.

APPENDICES

The Agreement includes Appendix 1, and possibly one or more of the appendices 3-5, depending on the product(s) purchased by the Licensee, what is stated in the quote or invoice, and/or what is stated in the Licensee's License Certificate.

APPENDIX 1

The modules and/or tools that are included in the respective product - Qt for Application

Development (QtAD), Qt for Device Creation (QtDC), Qt for MCUs (QtMCU), Qt 3D Studio (Qt3DS) and Qt Design Studio (QtDS) - are marked with 'X' in the below table.

Parts of the product that are permitted for distribution in object-code form only ("Redistributables") are marked with 'R' in the below table.

Modules/Tools	QtAD	QtDC	QtMCU	Qt3DS	QtDS
Qt Core	X,R	X,R			
Qt GUI	X,R	X,R			
Qt Multimedia	X,R	X,R			
Qt Multimedia Widgets	X,R	X,R			
Qt Network	X,R	X,R			
Qt QML	X,R	X,R			
Qt Quick	X,R	X,R			
Qt Quick Controls 2	X,R	X,R			
Qt Quick Dialogs	X,R	X,R			
Qt Quick Layouts	X,R	X,R			
Qt					

Quick Test	X,R X,R
Qt SQL	X,R X,R
Qt Test	X,R X,R
Qt Widgets	X,R X,R
Active Qt	X,R X,R
Qt 3D	X,R X,R
Qt Android Extras	X,R X,R
Qt Bluetooth	X,R X,R
Qt Canvas 3D	X,R X,R
Qt Concurrent	X,R X,R
Qt D-Bus	X,R X,R
Qt Gamepad	X,R X,R
Qt Graphical Effects	X,R X,R
Qt Help	X,R X,R
Qt Image Formats	X,R X,R
Qt Location	X,R X,R
Qt Mac Extras	X,R X,R
Qt Network Authorization	X,R X,R
Qt NFC	X,R X,R
Qt Platform Headers	X,R X,R
Qt Positioning	X,R X,R
Qt Print Support	X,R X,R
Qt Purchasing	X,R X,R

Qt for Python	X,R X,R
Qt Quick Controls	X,R X,R
Qt Quick Extras	X,R X,R
Qt Quick Widgets	X,R X,R
Qt SCXML	X,R X,R
Qt Sensors	X,R X,R
Qt Serial Bus	X,R X,R
Qt Serial Port	X,R X,R
Qt Speech	X,R X,R
Qt SVG	X,R X,R
Qt UI Tools	X,R X,R
Qt WebChannel	X,R X,R
Qt WebEngine	X,R X,R
Qt WebSockets	X,R X,R
Qt WebView	X,R X,R
Qt Windows Extras	X,R X,R
Qt X11 Extras	X,R X,R
Qt XML	X,R X,R
Qt XML Patterns	X,R X,R
Qt Wayland Compositor	X,R X,R
Qt Charts	X,R X,R
Qt Data Visualization	X,R X,R

Qt Virtual Keyboard | X,R | X,R | | |

Boot

2 Qt stack | | X,R | | |

Qt OTA | | X,R | | |

Device Utilities | | X,R | | |

Qt Debugging Bridge (QDB) Daemon | | X,R | | |

Qt Quick Ultralite Controls | | | X,R | |

Qt Quick Ultralite | | | X,R | |

Qt Creator |

X | X | X | | |

Qt Designer (Qt Widget Designer) | X | X | | |

Qt Quick Designer (Qt Creator plugin) | X | X | X | |

Qt Linguist | X | X | X | |

Qt Assistant | X | X | X | |

lupdate | X | X | X | |

lrelease | X | X | X | |

qmake

| X | X | | |

uic | X | X | | |

rcc | X | X | | |

qlalr | X | X | | |

qdoc | X | X | | |

qmlscene | X | X | | |

qmlviewer | X | X

| | |

Target toolchains | | X | X | |

Qt Debugging Bridge (QDB) Host Tools			X			
qtconfig-gui			X			
Qt Emulator			X			
qmlinterfacegenerator				X		
qmltocpp				X		
qulfontcompiler				X		
Qt53DStudioRuntime2					X,R	
Qt 3D Studio					X	
Qt Design Studio						X

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Qt KNX	X,R					
Qt OPC UA	X,R					

Qt CoAP	X,R						
Qt Safe		X,R	X,R				
Renderer							
Qt							
Application		X,R		X,R			
Manager							
Qt IVI		X,R					
Reference UI		X,R					
Qt GENIVI		X,R					
Extras							
QML Live		X					
Qt Creator		X					
Deployment							
Qt Creator							
Plugin for							
Qt							
X		X					
Application							
Manager							
Qt							
Automotive							
Suite		X					
Deployment							
Server							
Qt Design		X					
Studio							
Qt 3D Studio		X					
GammaRay							
		X			X		
Platform							
adaptations							
for							X
specified							

Deployment									
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Platforms									
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Qt for									
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Device				X					
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Creation									
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By: Adrian Heine

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date-time

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By: Sindre Sorhus

Repository: sindresorhus/date-time

fill-range

License: MIT

By: Jon Schlinkert, Edo Rivai, Paul Miller, Rouven Weling

Repository: jonschlinkert/fill-range

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hash.js

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By: Fedor Indutny

Repository: git@github.com:indutny/hash.js

immutable

License: MIT

By: Lee Byron

Repository: git://github.com/facebook/immutable-js.git

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By: Jon Schlinkert, Olsten Larck, Rouven Weling  
Repository:  
jonschlinkert/is-number
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Repository: git+https://github.com/Rich-Harris/is-reference.git

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Repository: Rich-Harris/locate-character

magic-string
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By: Rich Harris
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micromatch

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By: Jon Schlinkert, Amila Welihinda, Bogdan Chadkin, Brian Woodward, Devon Govett, Elan Shanker, Fabricio Matt, Martin Kolrik, Olsten Larek, Paul Miller, Tom Byrer, Tyler Akins, Peter Bright

Repository: micromatch/micromatch

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minimalistic-assert

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Repository: <https://github.com/calvinmetcalf/minimalistic-assert.git>

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By: James Halliday
Repository: <git://github.com/substack/minimist.git>

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parse-ms

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Repository: sindresorhus/parse-ms

picomatch
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Repository: [git://github.com/kamicane/require-relative.git](https://github.com/kamicane/require-relative.git)

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By: Rich Harris
Repository: [rollup/rollup-pluginutils](https://github.com/rollup/rollup-pluginutils)

signal-exit
License: ISC
By: Ben Coe
Repository: <https://github.com/tapjs/signal-exit.git>

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sourcemap-codec
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By: Rich Harris
Repository: <https://github.com/Rich-Harris/sourcemap-codec>

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to-regex-range
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By: Jon Schlinkert, Rouven Weling
Repository: micromatch/to-regex-range

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tslib

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By: Microsoft Corp.

Repository: <https://github.com/Microsoft/tslib.git>

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turbocolor

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By: Jorge Bucaran

Repository: jorgebucaran/turbocolor

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Specifically, the GPL parts of FFmpeg are:

- libpostproc
- optional x86 optimization in the files
 - `libavcodec/x86/flac_dsp_gpl.asm`
 - `libavcodec/x86/idct_mmx.c`
 - `libavfilter/x86/vf_removegrain.asm`
- the following building and testing tools
 - `compat/solaris/make_sunver.pl`
 - `doc/t2h.pm`
 - `doc/txi2pod.pl`
 - `libswresample/tests/swresample.c`
 - `tests/checkasm/*`
 - `tests/tiny_ssim.c`

-

the following filters in libavfilter:

- `signature_lookup.c`
- `vf_blackframe.c`
- `vf_boxblur.c`
- `vf_colormatrix.c`
- `vf_cover_rect.c`
- `vf_cropdetect.c`
- `vf_delogo.c`
- `vf_eq.c`
- `vf_find_rect.c`
- `vf_fspp.c`
- `vf_geq.c`
- `vf_histeq.c`
- `vf_hqdn3d.c`
- `vf_kerndeint.c`
- `vf_lensfun.c` (GPL version 3 or later)

- `vf_mcdeint.c`
- `vf_mpdecimate.c`
- `vf_nnedi.c`
- `vf_owdenoise.c`
- `vf_perspective.c`
- `vf_phase.c`
- `vf_pp.c`
- `vf_pp7.c`
- `vf_pullup.c`
- `vf_repeatfields.c`
- `vf_sab.c`
- `vf_signature.c`
- `vf_smartblur.c`
- `vf_spp.c`
- `vf_stereo3d.c`
- `vf_super2xsai.c`
- `vf_tinterlace.c`
- `vf_uspp.c`
- `vf_vaguedenoiser.c`
- `vsrc_mptestsrc.c`

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There are a handful of files under other licensing terms, namely:

- * The files `libavcodec/jfdctfst.c`, `libavcodec/jfdctint_template.c` and `libavcodec/jrevdct.c` are taken from libjpeg, see the top of the files for licensing details. Specifically note that you must credit the IJG in the documentation accompanying your program if you only distribute executables. You must also indicate any changes including additions and deletions to those three files in the documentation.
- * `tests/reference.pnm` is under the expat license.

External libraries

FFmpeg can be combined with a number of external libraries, which sometimes affect the licensing of binaries resulting from the combination.

Compatible libraries

The following libraries are under GPL version 2:

- avisynth
- frei0r

- libcdio
- libdavs2
- librubberband
- libvidstab
- libx264
- libx265
-
- libxavs
- libxavs2
- libxvid

When combining them with FFmpeg, FFmpeg needs to be licensed as GPL as well by passing `--enable-gpl` to configure.

The following libraries are under LGPL version 3:

- gmp
- libaribb24
- liblensfun

When combining them with FFmpeg, use the configure option `--enable-version3` to upgrade FFmpeg to the LGPL v3.

The VMAF, mbedTLS, RK MPI, OpenCORE and VisualOn libraries are under the Apache License 2.0. That license is incompatible with the LGPL v2.1 and the GPL v2, but not with version 3 of those licenses. So to combine these libraries with FFmpeg, the license version needs to be upgraded by passing `--enable-version3` to configure.

The smbclient library is under the GPL v3, to combine it with FFmpeg, the options `--enable-gpl` and `--enable-version3` have to be passed to configure to upgrade FFmpeg to the GPL v3.

Incompatible libraries

There are certain libraries you can combine with FFmpeg whose licenses are not compatible with the GPL and/or the LGPL. If you wish to enable these libraries, even in circumstances that their license may be incompatible, pass `--enable-nonfree` to configure. This will cause the resulting binary to be unredistributable.

The Fraunhofer FDK AAC and OpenSSL libraries are under licenses which are incompatible with the GPLv2 and v3. To the best of our knowledge, they are compatible with the LGPL.

```
# This file contains a list of people who've made non-trivial
# contribution to the Google C++ Mocking Framework project. People
# who commit code to the project are encouraged to add their names
# here. Please keep the list sorted by first names.
```

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- topographic model from Elevation model 2 m (U4421B, U4421D, U4422A and U4422C) 08/2014

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```
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```

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```
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```

```
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Ty Coon, President of Vice
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reporting:

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^ expected errors | v input

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/*---

esid: sec-assignment-operators-static-semantics-early-errors

description: Minimal test

---*/

void 0;

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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-only 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('UNLICENCED'), unlicensed);

```

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-----  
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raytrace.js contains code from the the Prototype JavaScript framework, version 1.5.0:

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```



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```
#!/usr/bin/env node
var nopt = require("../lib/nopt")
  , path = require("path")
  , types = { num: Number
    , bool: Boolean
    , help: Boolean
    , list: Array
    , "num-list": [Number, Array]
    , "str-list": [String, Array]
    , "bool-list": [Boolean, Array]
    , str: String
    , clear: Boolean
    , config: Boolean
    , length: Number
    , file: path
  }
  , shorthands = { s: [ "--str", "astring" ]
    , b: [ "--bool" ]
    , nb: [ "--no-bool" ]
    , tft: [ "--bool-list", "--no-bool-list", "--bool-list", "true" ]
    , "?": [ "--help" ]
    , h: [ "--help" ]
    , H: [ "--help" ]
    , n: [ "--num", "125" ]
    , c: [ "--config" ]
    , l: [ "--length" ]
    , f: [ "--file" ]
  }
  , parsed = nopt( types
```

```

    , shorthands

    , process.argv
    , 2 )

console.log("parsed", parsed)

if (parsed.help) {
  console.log("")
  console.log("nopt cli tester")
  console.log("")
  console.log("types")
  console.log(Object.keys(types).map(function M (t) {
    var type = types[t]
    if (Array.isArray(type)) {
      return [t, type.map(function (type) { return type.name })]
    }
    return [t, type && type.name]
  })).reduce(function (s, i) {
    s[i[0]] = i[1]
    return s
  }, {})
  console.log("")
  console.log("shorthands")
  console.log(shorthands)
}
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-----

```

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C++ Big Integer Library  
(see ChangeLog for version)

<http://mattmccutchen.net/bigint/>

Written and maintained by Matt McCutchen <[matt@mattmccutchen.net](mailto:matt@mattmccutchen.net)>

You can use this library in a C++ program to do arithmetic on integers of size limited only by your computer's memory. The library provides `BigUnsigned` and `BigInteger` classes that represent nonnegative integers and signed integers, respectively. Most of the C++ arithmetic operators are overloaded for these classes, so big-integer calculations are as easy as:

```
#include "BigIntegerLibrary.hh"

BigInteger a = 65536;
cout << (a * a * a * a * a * a * a * a * a * a);

(print 340282366920938463463374607431768211456)
```

The code in ``sample.cc'` demonstrates the most important features of the library. To get started quickly, read the code and explanations in that file and run it. If you want more detail or a feature not shown in ``sample.cc'`, consult the `the` consult the actual header and source files, which are thoroughly commented.

This library emphasizes ease of use and clarity of implementation over speed; some users will prefer GMP (<http://swox.com/gmp/>), which is faster. The code is intended to be reasonably portable across computers and modern C++ compilers; in particular, it uses whatever word size the computer provides (32-bit, 64-bit, or otherwise).

Compiling programs that use the library

-----  
The library consists of a folder full of C++ header files (`.hh`) and source files (`.cc`). Your own programs should `#include` the necessary header files and link with the source files. A makefile that builds the sample program (`sample.cc`) is included; you can adapt it to replace the sample with your own

program.

Alternatively, you can use your own build system or IDE. In that case, you must put the library header files where the compiler will find them and arrange to have your program linked

with the library source files; otherwise, you will get errors about missing header files or "undefined references". To learn how to do this, consult the documentation for the build system or IDE; don't bother asking me. Adding all the library files to your project will work in many IDEs but may not be the most desirable approach.

#### Resources

-----

The library's Web site (above) provides links to released versions, the current development version, and a mailing list for release announcements, questions, bug reports, and other discussion of the library. I would be delighted to hear from you if you like this library and/or find a good use for it.

#### Bugs and enhancements

-----

The library has been tested by me and others but is by no means bug-free. If you find a bug, please report it, whether it comes in the form of compiling trouble, a mathematically inaccurate result, or a memory-management blooper (since I use Java, these are altogether too common in my C++).

I generally fix all reported bugs. You are also welcome to request enhancements, but I am unlikely to do substantial amounts of work on enhancements at this point.

#### Legal

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I, Matt McCutchen, the sole author of the original Big Integer Library, waive my copyright to it, placing it in the public domain. The library comes with absolutely no warranty.

~~~~~

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```

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If you want to write an option parser, and have it be good, there are two ways to do it. The Right Way, and the Wrong Way.

The Wrong Way is to sit down and write an option parser. We've all done that.

The Right Way is to write some complex configurable program with so many options that you hit the limit of your frustration just trying to manage them all, and defer it with duct-tape solutions until you see exactly to the core of the problem, and finally snap and write an awesome option parser.

If you want to write an option parser, don't write an option parser. Write a package manager, or a source control system, or a service restarter, or an operating system. You probably won't end up with a good one of those, but if you don't give up, and you are relentless and diligent enough in your procrastination, you may just end up with a very nice option parser.

```
## USAGE
```

```
```javascript
// my-program.js
var nopt = require("nopt")
 , Stream = require("stream").Stream
 , path = require("path")
 , knownOpts = { "foo" : [String, null]
 , "bar" : [Stream, Number]
 , "baz" : path
 , "bloo" : ["big", "medium", "small"]
 , "flag" : Boolean
 , "pick" : Boolean
 , "many1" : [String, Array]
 , "many2" : [path, Array]
 }
 , shortHands = { "foofoo" : ["--foo", "Mr. Foo"]
 , "b7" : ["--bar", "7"]
 , "m" : ["--bloo", "medium"]
 , "p" : ["--pick"]
 , "f" : ["--flag"]
 }
 // everything is optional.
 // knownOpts and shorthands default to {}
 // arg list defaults to process.argv
 // slice defaults to 2
 , parsed = nopt(knownOpts, shortHands, process.argv, 2)
console.log(parsed)
```
```

This would give you support for any of the following:


```

```console
$ node my-program.js --foo "blerp" --no-flag
{ "foo" : "blerp", "flag" : false }

$ node my-program.js
 --bar 7 --foo "Mr. Hand" --flag
{ bar: 7, foo: "Mr. Hand", flag: true }

$ node my-program.js --foo "blerp" -f -----p
{ foo: "blerp", flag: true, pick: true }

$ node my-program.js -fp --foofoo
{ foo: "Mr. Foo", flag: true, pick: true }

$ node my-program.js --foofoo -- -fp # -- stops the flag parsing.
{ foo: "Mr. Foo", argv: { remain: ["-fp"] } }

$ node my-program.js --blatzk -fp # unknown opts are ok.
{ blatzk: true, flag: true, pick: true }

$ node my-program.js --blatzk=1000 -fp # but you need to use = if they have a value
{ blatzk: 1000, flag: true, pick: true }

$ node my-program.js --no-blatzk -fp # unless they start with "no-"
{ blatzk: false, flag: true, pick: true }

$ node my-program.js --baz b/a/z # known paths are resolved.
{ baz: "/Users/isaacs/b/a/z" }

if Array is one of the types, then it can take many
values, and will always be an array. The other types provided
specify what types are allowed in the list.

$ node my-program.js --many1 5 --many1 null
 --many1 foo
{ many1: ["5", "null", "foo"] }

$ node my-program.js --many2 foo --many2 bar
{ many2: ["/path/to/foo", "path/to/bar"] }
```

```

Read the tests at the bottom of `lib/nopt.js` for more examples of what this puppy can do.

Types

The following types are supported, and defined on `nopt.typeDefs`

- * String: A normal string. No parsing is done.
- * path: A file system path. Gets resolved against cwd if not absolute.
- * url: A url. If it doesn't parse, it isn't accepted.
- * Number: Must be numeric.
- * Date: Must parse as a date. If it does, and `Date` is one of the options, then it will return a Date object, not a string.
- * Boolean: Must be either `true` or `false`. If an option is a boolean, then it does not need a value, and its presence will imply `true` as the value. To negate boolean flags, do `--no-whatever` or `--whatever false`
- * NaN: Means that the option is strictly not allowed. Any value will fail.
- * Stream: An object matching the "Stream" class in node.
Valuable
for use when validating programmatically. (npm uses this to let you supply any WriteStream on the `outfd` and `logfd` config options.)
- * Array: If `Array` is specified as one of the types, then the value will be parsed as a list of options. This means that multiple values can be specified, and that the value will always be an array.

If a type is an array of values not on this list, then those are considered valid values. For instance, in the example above, the `--bloo` option can only be one of `big`, `medium`, or `small`, and any other value will be rejected.

When parsing unknown fields, `true`, `false`, and `null` will be interpreted as their JavaScript equivalents.

You can also mix types and values, or multiple types, in a list. For instance `{ blah: [Number, null] }` would allow a value to be set to either a Number or null. When types are ordered, this implies a preference, and the first type that can be used to properly interpret the value will be used.

To define a new type, add it to `nopt.typeDefs`. Each item in that hash is an object with a `type` member and a `validate` method. The `type` member is an object that matches what goes in the type list. The `validate` method is a function that gets called with `validate(data, key, val)`. Validate methods should assign `data[key]` to the valid value of `val` if it can be handled properly, or return boolean `false` if it cannot.

You can also call `nopt.clean(data, types, typeDefs)` to clean up a config object and remove its invalid properties.

Error Handling

By default, nopt outputs a warning to standard error when invalid values for known options are found. You can change this behavior by assigning a method to `nopt.invalidHandler``. This method will be called with the offending `nopt.invalidHandler(key, val, types)``.

If no `nopt.invalidHandler`` is assigned, then it will console.error its whining. If it is assigned to boolean `false`` then the warning is suppressed.

```
##  
Abbreviations
```

Yes, they are supported. If you define options like this:

```
```javascript  
{ "foolhardyelephants" : Boolean
, "pileofmonkeys" : Boolean }
```
```

Then this will work:

```
```bash  
node program.js --foolhar --pil
node program.js --no-f --pileofmon
etc.
```
```

```
## Shorthands
```

Shorthands are a hash of shorter option names to a snippet of args that they expand to.

If multiple one-character shorthands are all combined, and the combination does not unambiguously match any other option or shorthand, then they will be broken up into their constituent parts. For example:

```
```json  
{ "s" : ["--loglevel", "silent"]
, "g" : "--global"
, "f" : "--force"
, "p" : "--parseable"
, "l" : "--long"
}
```
```

```
```bash  
npm ls -sgflp
just like doing this:
```

```
npm ls --loglevel silent --global --force --long --parseable
^^^
```

## ## The Rest of the args

The config object returned by nopt is given a special member called ``argv``, which is an object with the following fields:

- \* ``remain``: The remaining args after all the parsing has occurred.
- \* ``original``: The args as they originally appeared.
- \* ``cooked``: The args after flags and shorthands are expanded.

## ## Slicing

Node programs are called with more or less the exact argv as it appears in C land, after the v8 and node-specific options have been plucked off. As such, ``argv[0]`` is always ``node`` and ``argv[1]`` is always the JavaScript program being run.

That's usually not very useful to you. So they're sliced off by default. If you want them, then you can pass in ``0`` as the last argument, or any other number that you'd like to slice off the start of the list.

```
// sigslot.h: Signal/Slot classes
```

```
//
```

```
// Written by Sarah Thompson (sarah@telergy.com) 2002.
```

```
//
```

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## Change Log

### v25.0.1 (2019/01/10 19:29 +00:00)

- [f1c835b](https://github.com/davglass/license-checker/commit/f1c835b991b65dc928eafe64c29b73df9e703169)

Updated readme with new args (@davglass)

- [ada667f](https://github.com/davglass/license-checker/commit/ada667f28e8ef4e96b5b6059fe05541d05ca936c)

changelog (@davglass)

- [7813f0d](https://github.com/davglass/license-checker/commit/7813f0db3b51f7cc4cd37d8e7b4670f9005fed06)

contrib (@davglass)

### v25.0.0 (2019/01/10 15:09 +00:00)

- [cdb77d9](https://github.com/davglass/license-checker/commit/cdb77d9a2b36cd87503f32265a0ee388b25c24ae)

25.0.0 (@davglass)

- [b897345](https://github.com/davglass/license-checker/commit/b89734549bc05fb5e143083fdf6d3959d87eb2b8)

[Fixes #136] Document --start option and add the depth option for looking into root dependencies or infinitely

(@davglass)

- [#185](https://github.com/davglass/license-checker/pull/185) Merge pull request #185 from theboolean/fix/exclude-packages-and-private (@theboolean)
- [#184](https://github.com/davglass/license-checker/pull/184) Merge pull request #184 from theboolean/docs/fix-typo (@theboolean)
- [987a60f](https://github.com/davglass/license-checker/commit/987a60fbb58052cf36d5a80e6252e81136bb1dd8) changes 24.1.0 (@davglass)

### v24.1.0 (2018/12/14 20:54 +00:00)

- [18ab8a1](https://github.com/davglass/license-checker/commit/18ab8a1eb478d1354429ca4318c1df3de3e4cbb1) 24.1.0 (@davglass)
- [1dca0f6](https://github.com/davglass/license-checker/commit/1dca0f616aebdef2d398c130a2a4f86c2b4e88c8) Changelog (@davglass)
- [#188](https://github.com/davglass/license-checker/pull/188) Fix for #153: remove deprecated package 'spdx' (#188) (@rogierschouten)
- [d1d34b1](https://github.com/davglass/license-checker/commit/d1d34b1a8894987807419c093c3ec10b4f06db3d) Fix typo in package.json description (@theboolean)
- [f5c9008](https://github.com/davglass/license-checker/commit/f5c9008a6d20b503e21c0d8130e52be526a5bfe8) Fix: Allow excluding packages and private packages together (@theboolean)
- [98c4dc6](https://github.com/davglass/license-checker/commit/98c4dc670fdebb6e58b62b38ebcb12302e5b1db5) changes (@davglass)

### v24.0.1 (2018/10/11 16:40 +00:00)

- [d72eae8](https://github.com/davglass/license-checker/commit/d72eae8bcb80d8582e6d12c5e2664e9c19135709) 24.0.1 (@davglass)
- [9433e64](https://github.com/davglass/license-checker/commit/9433e640ea9f629aad5f00c224a9f61026b8116d) [Fixes #181] - Removed extra line break with --cvs (@davglass)
- [65baa28](https://github.com/davglass/license-checker/commit/65baa28f532f87ebb75a32578c7ac5837806d12f) contrib and changes (@davglass)

### v24.0.0 (2018/10/09 21:12 +00:00)

- [84d64a2](https://github.com/davglass/license-checker/commit/84d64a28fa971c3bfb20b9e9de27cafbe6e8481b) 24.0.0 (@davglass)
- [#180](https://github.com/davglass/license-checker/pull/180) Feature: Exclude Private Packages (#180) (Jonny Reeves)
- [#179](https://github.com/davglass/license-checker/pull/179) Merge pull request #179 from jonny-improbable/fix/fix-strict-checks (@jonny-improbable)
- [179077d](https://github.com/davglass/license-checker/commit/179077d079acbcd0183aa6691cfe5c2ec0f93f07) Fixes 176, Packages are not ignored when using --onlyAllow and --excludePackages. (@jonny-improbable)
- [890ca17](https://github.com/davglass/license-checker/commit/890ca17d179bc43a6cb7cff962d69d1521dc9ac2) changelog (@davglass)

### v23.0.0 (2018/10/09 14:37 +00:00)

- [f243287](https://github.com/davglass/license-checker/commit/f243287fbce6da33838a226ddf8c412535390d4) 23.0.0 (@davglass)
- [#178](https://github.com/davglass/license-checker/pull/178) Merge pull request #178 from jonny-improbable/fix/filtering (@jonny-improbable)

- [#175](https://github.com/davglass/license-checker/pull/175) Merge pull request #175 from jonny-improbable/patch-1 (@jonny-improbable)  
- [f2c6611](https://github.com/davglass/license-checker/commit/f2c6611d6c68e50b2b6f56260026837e7167f44a) Fixes #177, --packages and --excludePackages filtering (@jonny-improbable)  
- [0a598df](https://github.com/davglass/license-checker/commit/0a598df55c3ec33803ef33be07cc47a910eee961) Improve --onlyAllow violation Error  
- [ee723af](https://github.com/davglass/license-checker/commit/ee723af79889a4d98ed067494a58f6aa41a44ac7) changes (@davglass)

### v22.0.0 (2018/10/08 19:00 +00:00)

- [bd398c3](https://github.com/davglass/license-checker/commit/bd398c3bce0279699c9aad1dc4b592f398a75766) 22.0.0 (@davglass)  
- [#172](https://github.com/davglass/license-checker/pull/172) Merge pull request #172 from fzaninotto/exclude-packages (@fzaninotto)  
- [014fd96](https://github.com/davglass/license-checker/commit/014fd9613fe5460e0b7a0fc118a659a337e25e2c) added changes (@davglass)

### v21.0.0 (2018/10/06 13:24 +00:00)

- [d75fe43](https://github.com/davglass/license-checker/commit/d75fe43d61a9d5b6696d71a663e25a53fd3d44f7) 21.0.0 (@davglass)  
- [05cb221](https://github.com/davglass/license-checker/commit/05cb221359de4ffe1039f586cd9e8fb7cb9d6398) [Fixes #174] - Moved private and unknown detection above filtering (@davglass)  
- [b1d5700](https://github.com/davglass/license-checker/commit/b1d570088236dfb90253bdac27763523b2e74ffb) Add an excludePackages option (@fzaninotto)  
- [231bd3f](https://github.com/davglass/license-checker/commit/231bd3f2412507be1d702ad100b23c1b1fe93602) updated readme (@davglass)  
- [6c61a7b](https://github.com/davglass/license-checker/commit/6c61a7bd102466c702065d42706392c11717cc1d) changelog (@davglass)

### v20.2.0 (2018/07/30 13:49 +00:00)

- [28dc521](https://github.com/davglass/license-checker/commit/28dc5218dec3340778bd801593275ad1b222e53f) 20.2.0 (@davglass)  
- [#169](https://github.com/davglass/license-checker/pull/169) Merge pull request #169 from codepunkt/restrict\_packages (@codepunkt)  
- [5e4b274](https://github.com/davglass/license-checker/commit/5e4b274e955485fb2aba37e65fec913b8042f38d) refactor: restore previous code style (@codepunkt)  
- [ed25d68](https://github.com/davglass/license-checker/commit/ed25d6829602793e13233d3da2d97b92ee2044c6) test: add test for --packages flag (@codepunkt)  
- [0f53922](https://github.com/davglass/license-checker/commit/0f53922088be0b0dfd4f8db7ea884b53d0137e45) feat: allow restricting output to specified packages (@codepunkt)  
- [5f63f87](https://github.com/davglass/license-checker/commit/5f63f8766a17e589b57db99bda4eb54d91b85b77) changes and contrib (@davglass)

### v20.1.0 (2018/06/07 14:33 +00:00)

- [970882a](https://github.com/davglass/license-checker/commit/970882a09b345c7f32496431e5ca4c069ad7e320) 20.1.0 (@davglass)  
- [#165](https://github.com/davglass/license-checker/pull/165) Merge pull request #165 from santiagocanti/fix-

exclude-not-adding-custom-licenses (@santiagocanti)  
- [89e48a9](https://github.com/davglass/license-checker/commit/89e48a9d3d0c9f2e48bfcee0dc3563ce4b652e22)  
Fix exclude not including custom licenses (@santiagocanti)

### v20.0.0 (2018/05/17 14:14 +00:00)

- [0e89310](https://github.com/davglass/license-checker/commit/0e8931021df777cb401d9a332fa2a8c9a2c49eb2)  
20.0.0 (@davglass)

-

[c36a5c9](https://github.com/davglass/license-checker/commit/c36a5c99bb4f68816e4e19cad5090ba3c7ba67a4)  
changes (@davglass)

- [ccb66f3](https://github.com/davglass/license-checker/commit/ccb66f3410a4589e6f2b7cf1c3aefb1446bab460)  
contributors (@davglass)

- [#156](https://github.com/davglass/license-checker/pull/156) Merge pull request #156 from  
zodiac403/z4/copyright (@zodiac403)

- [56414b4](https://github.com/davglass/license-checker/commit/56414b4a67cbb25bcc8eb8cc05b0ac712b677dc2)  
Add unit test for Copyright statement. (@zodiac403)

- [3eafe24](https://github.com/davglass/license-checker/commit/3eafe249ad662af727a9b7472f7ad6c1b9a73ade)  
fixing test coverage with switch to nyc from istanbul (@davglass)

### v19.0.0 (2018/04/30 14:51 +00:00)

- [7e83a06](https://github.com/davglass/license-checker/commit/7e83a069d23c104c3cd8257eb64666704ecca465)  
19.0.0 (@davglass)

- [e5eb49b](https://github.com/davglass/license-checker/commit/e5eb49bcb5546dbc681f736f159d63908cd39ce9)  
upgrading

packages (@davglass)

- [442aee6](https://github.com/davglass/license-checker/commit/442aee69b5d44e47bfd2e441c4e1f86d387e49c6)  
Changelog (@davglass)

### v18.1.0 (2018/04/30 14:16 +00:00)

- [82ec91b](https://github.com/davglass/license-checker/commit/82ec91bb02e6bf998164b62b4aa827198156ad4c)  
18.1.0 (@davglass)

- [4b546d3](https://github.com/davglass/license-checker/commit/4b546d38ce91bcbe8d21e7bc53e44635b0447fc2)  
contrib (@davglass)

- [#155](https://github.com/davglass/license-checker/pull/155) Merge pull request #155 from ktmouk/supress-path-  
property (@ktmouk)

- [#160](https://github.com/davglass/license-checker/pull/160) Merge pull request #160 from helio-frota/pr (@helio-  
frota)

- [8b068f2](https://github.com/davglass/license-checker/commit/8b068f25fe910d087c06e29312bc250b49aba4c7)  
fix: Updating debug dependency to fix a security warning (@helio-frota)

- [040dd94](https://github.com/davglass/license-checker/commit/040dd9468261966c5c40e4a418aa9ba8f716c3a2)  
Copyright statement: Handle multi-line

stagements (@zodiac403)

- [0480750](https://github.com/davglass/license-checker/commit/04807506d61aa1d704e8b51da3a289baa025b510)  
Fix layout issue. (@zodiac403)

- [9cb45f2](https://github.com/davglass/license-checker/commit/9cb45f2b9ce2c1142c0d1f556f01f7d754737a4c)  
Link with customFormat (@zodiac403)

- [f83aaae](https://github.com/davglass/license-checker/commit/f83aaae85ad4cc2e9880802951dfacbc86dc2d7f)  
Merge branch 'z4/copyright' of https://github.com/zodiac403/license-checker into z4/copyright (@zodiac403)

- [7536af9](https://github.com/davglass/license-checker/commit/7536af935d91078657f0e169ed82383f099607f6) Trim output. (@zodiac403)
- [8716845](https://github.com/davglass/license-checker/commit/87168456cae35263882bd2b6d6d0081f228b6b66) Suppress path property (@ktmouk)
- [be57ee8](https://github.com/davglass/license-checker/commit/be57ee8f76c8aada0d227913b7d0e12aca0dc640) Add example for (c) statement. (@zodiac403)
- [fe17f7c](https://github.com/davglass/license-checker/commit/fe17f7c76dbdae0cbf689a0cd260a746698f3281) Parse (c) statements from LICENSE file. (@zodiac403)
- [#149](https://github.com/davglass/license-checker/pull/149) Merge pull request #149 from honzajavorek/patch-1 (@honzajavorek)
- [955bbf6](https://github.com/davglass/license-checker/commit/955bbf6070ffc9f0d01ef37bb84ffb6ac65e007b) remove the old status badge (@honzajavorek)

### v18.0.0 (2018/03/20 12:30 +00:00)

- [315de0b](https://github.com/davglass/license-checker/commit/315de0b1a881cf8737c3c0131c217c4820df13a8) 18.0.0 (@davglass)
- [76655d5](https://github.com/davglass/license-checker/commit/76655d59bad95c2e52724aaa3a0cf036f0e60bd6) changelog (@davglass)
- [c8aa823](https://github.com/davglass/license-checker/commit/c8aa823342b7a250d510582c8a03dd76af50bd9c) added contributors (@davglass)
- [#147](https://github.com/davglass/license-checker/pull/147) Merge pull request #147 from honzajavorek/honzajavorek/license-files (@honzajavorek)
- [#148](https://github.com/davglass/license-checker/pull/148) Merge pull request #148 from honzajavorek/honzajavorek/use-stderr (@honzajavorek)
- [#146](https://github.com/davglass/license-checker/pull/146) Merge pull request #146 from honzajavorek/honzajavorek/fix-e2e-test (@honzajavorek)
- [#145](https://github.com/davglass/license-checker/pull/145) Merge pull request #145 from honzajavorek/honzajavorek/drop-4-add-8 (@honzajavorek)
- [0105f7d](https://github.com/davglass/license-checker/commit/0105f7dcf01a67b8f7c34371d95a1d76b191d5ed) use stderr where applicable (@honzajavorek)
- [0ff8d91](https://github.com/davglass/license-checker/commit/0ff8d917c659446256074c0940ae43dd84930233) add support for LICENSE-MIT and similar (@honzajavorek)
- [f02589e](https://github.com/davglass/license-checker/commit/f02589e62c0ba8221081b8b1799d561c3ff20500) isolate and test the license file detection (@honzajavorek)
- [f0da0fe](https://github.com/davglass/license-checker/commit/f0da0fe2ab28f1658e4ed504bb034fb1536b9ff8) add warning about commas and test it (@honzajavorek)
- [3db0b6f](https://github.com/davglass/license-checker/commit/3db0b6f05a68ccfff4181503ca87edce4ef10cd7) fix e2e test (transition from comma delimiter to semicolon) (@honzajavorek)
- [cec3b73](https://github.com/davglass/license-checker/commit/cec3b73505ac40a2dca211e78427624d009585dc) let Travis CI to cache node\_modules (@honzajavorek)
- [8cea3dc](https://github.com/davglass/license-checker/commit/8cea3dccf1d185dc3ae3f37f44a82d7e123a1988) add Travis CI badge to the README (@honzajavorek)
- [8f59c3b](https://github.com/davglass/license-checker/commit/8f59c3b494f69b1d51535bcff80c0e006d0ef6bb) drop support for node 4, add support for node 8 (@honzajavorek)

### v17.0.0 (2018/03/19 13:26 +00:00)

- [cd5fdd8](https://github.com/davglass/license-checker/commit/cd5fdd8e94267d7d8f29e86dd9cbf8b694c037f1)

17.0.0 (@davglass)  
- [13c11ee](https://github.com/davglass/license-checker/commit/13c11eeea1b1a3e012de62536100fce91c355c8b) updated readme and help text (@davglass)  
- [#144](https://github.com/davglass/license-checker/pull/144) Merge pull request #144 from creising/parser-fixes (@creising)  
- [d2ab8df](https://github.com/davglass/license-checker/commit/d2ab8df30bc3e6b38b321a1e12a70cf477a69eb0) added support for lic with commas and spaces (@creising)  
- [2075208](https://github.com/davglass/license-checker/commit/20752083c6029823fb389a30a1ed4d7d90fa9297) contrib and changelog (@davglass)  
- [6c5274c](https://github.com/davglass/license-checker/commit/6c5274c6064d318844cf36185dea395e0893ff08) [fixes #132] - Fixed issue with asFiles and path issues (@davglass)  
- [a46c448](https://github.com/davglass/license-checker/commit/a46c4483f872c3db9498a65b7ae3dc6d8164de0a)

16.0.0 (@davglass)  
- [38d63e2](https://github.com/davglass/license-checker/commit/38d63e2c2c3fd6c11012fb69b1470b2ba06d5554) [fixes #128] - Added --onlyAllow option (@davglass)

### v16.0.0 (2018/01/18 15:02 +00:00)

- [#131](https://github.com/davglass/license-checker/pull/131) Merge pull request #131 from mischah/patch-1 (@mischah)  
- [e341d17](https://github.com/davglass/license-checker/commit/e341d1701092be87309ec4b51fa6eb23f7e9a589) Fix typo in Readme (@mischah)  
- [cc38a20](https://github.com/davglass/license-checker/commit/cc38a2047bf41b6fe25266114a13a9bf54133e04) updated license text (@davglass)

### v15.0.0 (2017/10/19 14:24 +00:00)

- [a9bd001](https://github.com/davglass/license-checker/commit/a9bd001b649bfa186bae5598bb8c67ff56383599) 15.0.0 (@davglass)  
- [db621fa](https://github.com/davglass/license-checker/commit/db621fa6beeff870699c33be484bf49816ab7866) changelog (@davglass)  
- [#124](https://github.com/davglass/license-checker/pull/124) Merge pull request #124 from neverendingqs/app/stricterguesses (@neverendingqs)  
- [#126](https://github.com/davglass/license-checker/pull/126) app - output now includes path to dependency. (#126) (@neverendingqs)  
- [9f68b29](https://github.com/davglass/license-checker/commit/9f68b29bbfa73278cdab92e221be6ccbab191932) app - strengthening license guessing; resolves #123. (@neverendingqs)  
- [3061c87](https://github.com/davglass/license-checker/commit/3061c87363f3416d86ca6c2ba7b2bfa77def0e73) changes (@davglass)

### v14.0.0 (2017/08/28 13:22 +00:00)

- [b2a4403](https://github.com/davglass/license-checker/commit/b2a440309c1537c52e5c5a2106f11e72d5b784ec) 14.0.0 (@davglass)  
- [#122](https://github.com/davglass/license-checker/pull/122) Added --failOn [list] mode (#122) (@tobilg)

### v13.1.0 (2017/08/25 15:00 +00:00)

- [ee25265](https://github.com/davglass/license-checker/commit/ee25265f92fe0d3b603da6b8c88d175e0d1f2fa5) 13.1.0 (@davglass)  
- [5bb9a17](https://github.com/davglass/license-checker/commit/5bb9a17f89d7e180b3a9d929ebc073135262bd2f)



changes (@davglass)  
- [b1e0392](https://github.com/davglass/license-checker/commit/b1e0392afa4b511b7c532125cd3165a828d3d4e3)  
added contrib (@davglass)  
- [#121](https://github.com/davglass/license-checker/pull/121) Add `--summary` mode to show a summary with counts of the used licenses (#121) (@tobilg)  
- [#119](https://github.com/davglass/license-checker/pull/119) Fix minor spelling mistakes (#119) (@tobiasbueschel)  
- [#118](https://github.com/davglass/license-checker/pull/118) Minor readme text improvements (#118) (@peteruithoven)  
- [d2bc5ea](https://github.com/davglass/license-checker/commit/d2bc5ea91ab50becea91d5f0f050955fe9a6ac59) added license parsing info to README (@davglass)  
- [3e9d320](https://github.com/davglass/license-checker/commit/3e9d320acb2e9f14297d6a4355680f34a9b0609d) changes (@davglass)

### v13.0.3 (2017/08/04 17:15 +00:00)

- [2caf76b](https://github.com/davglass/license-checker/commit/2caf76be7f2849e153ee28410f3b7a41df3283b5) 13.0.3 (@davglass)  
- [fadddc8](https://github.com/davglass/license-checker/commit/fadddc895ef9c6f182e2283c5605a8c1d8fa8a25) [fixes #117] fixed minor URL parsing (@davglass)  
- [e58a868](https://github.com/davglass/license-checker/commit/e58a868268aefd97d735b364bd87d03140d76482) changes (@davglass)

### v13.0.2 (2017/07/18 16:24 +00:00)

- [2c712b7](https://github.com/davglass/license-checker/commit/2c712b7c7e6efe916d60f3ef3125f7f019c46d59) 13.0.2 (@davglass)  
- [ef812c1](https://github.com/davglass/license-checker/commit/ef812c1168901d08b97dbd450a64ca03bb7062ad) [fixes #114] - Custom URL/File parsing skipped if file found on disk (@davglass)

### v13.0.1 (2017/07/17 12:48 +00:00)

- [a1bf8f1](https://github.com/davglass/license-checker/commit/a1bf8f152b100d81b44757b3b7e141df6a971c44) 13.0.1 (@davglass)  
- [e6d0c89](https://github.com/davglass/license-checker/commit/e6d0c893b8a86e12493f7a5c22fd74ef26267994) contrib & changes (@davglass)  
- [#113](https://github.com/davglass/license-checker/pull/113) Use LICENSE file in preference to README (#113) (@ibeucaly)  
- [6b7f79f](https://github.com/davglass/license-checker/commit/6b7f79f654e21903ea37e4391fba3601ece32e90) changes (@davglass)

### v13.0.0 (2017/07/14 12:49 +00:00)

- [dd9e880](https://github.com/davglass/license-checker/commit/dd9e880abd234d683d8c1e57e7a5f889c9156de4) 13.0.0 (@davglass)  
- [051b20b](https://github.com/davglass/license-checker/commit/051b20b0c4b35f223f724705a0025dafc809373f) cleaned up some tests (@davglass)  
- [#110](https://github.com/davglass/license-checker/pull/110) FEATURE: Recognise some custom licenses by file or url (#110) (@dancrumb)  
- [#111](https://github.com/davglass/license-checker/pull/111) Resolves #60 (#111) Adding support for GPL and

LGPL (@dancrumb)

- [#109](https://github.com/davglass/license-checker/pull/109) FEATURE: Improve license exclusion (#109) (@dancrumb)
- [#108](https://github.com/davglass/license-checker/pull/108) FEATURE: Detect private modules and report them as UNLICENSED (#108) (@dancrumb)

### v12.1.0 (2017/07/12 16:48 +00:00)

- [dc944e5](https://github.com/davglass/license-checker/commit/dc944e54d55d77b0ef6b6321d9abee847662ccb8) 12.1.0 (@davglass)
- [d415c58](https://github.com/davglass/license-checker/commit/d415c580b04bc5eefa592dc9f9a0a31b244c1bd3) updated contrib and changes (@davglass)
- [#107](https://github.com/davglass/license-checker/pull/107) Merge pull request #107 from dancrumb/feature/support-for-public-domain-licenses (@dancrumb)
- [0c55770](https://github.com/davglass/license-checker/commit/0c55770294167161c48b79cc82a15a6545154a87) FEATURE: Add support for Public Domain licenses (@dancrumb)

### v12.0.0 (2017/07/05 13:33 +00:00)

- [8b74fa1](https://github.com/davglass/license-checker/commit/8b74fa1fe3b5edb0d217aa3ce86f4662eb024621) 12.0.0 (@davglass)
- [4f3367c](https://github.com/davglass/license-checker/commit/4f3367c2bf2e9713a6cccd11341f7f4fa70ed400) changes & contrib (@davglass)
- [#106](https://github.com/davglass/license-checker/pull/106) Merge pull request #106 from helio-frota/licensefile-readme (@helio-frota)
- [a229507](https://github.com/davglass/license-checker/commit/a2295073d0178dca1b88e85ea8f52c21d35e52fc) src: the README is added as licenseFile (@helio-frota)
- [b59d90d](https://github.com/davglass/license-checker/commit/b59d90d8705f6f728c817b89936f95097d26857b) changes & contrib (@davglass)

### v11.0.0 (2017/05/30 13:33 +00:00)

- [258df10](https://github.com/davglass/license-checker/commit/258df102da484943088da8e0b6160b80c0e703cd) 11.0.0 (@davglass)
- [#102](https://github.com/davglass/license-checker/pull/102) Merge pull request #102 from xswordsx/multiple-licenses (@xswordsx)
- [c5c8b0f](https://github.com/davglass/license-checker/commit/c5c8b0f408f2a26259a7b1109f7cc135ed5bf9c4) Check for SPDX-compatible licenses (@xswordsx)

### v10.1.0 (2017/05/25 16:16 +00:00)

- [b52a16d](https://github.com/davglass/license-checker/commit/b52a16d0ba414e7287f82325dd65619cd76afdd1) 10.1.0 (@davglass)
- [f911a99](https://github.com/davglass/license-checker/commit/f911a9919033254945ecbbf69362cb171436688e) contrib & changes (@davglass)
- [#100](https://github.com/davglass/license-checker/pull/100) Suppress JSON properties with custom format (#100) (@tbbstny)
- [ed5b3ab](https://github.com/davglass/license-checker/commit/ed5b3ab50825f0be032958f8233dd3000ee98e85) changelog (@davglass)

### v10.0.0 (2017/05/17 13:51 +00:00)

- [b2c2283](https://github.com/davglass/license-checker/commit/b2c2283cf5a937e64a07ab200ec2379e481903b6)

10.0.0 (@davglass)  
- [a0406ac](https://github.com/davglass/license-checker/commit/a0406ac2c7a0b1037ca31b47e36d316b9c088938) [fixes #96] - do not replace newline, etc in licenses for exporting to json/markdown (@davglass)  
- [98a03fa](https://github.com/davglass/license-checker/commit/98a03fa700ef6d038cc2f9104ea5cf17c82a10ad) [fixes #97] - Added a newline to the output file (@davglass)  
- [#98](https://github.com/davglass/license-checker/pull/98) Merge pull request #98 from davglass/eslint (@davglass)  
- [10fe441](https://github.com/davglass/license-checker/commit/10fe441a2e70e549e57f7da99d2287fc55355500) moved to eslint (@davglass)  
- [f82b535](https://github.com/davglass/license-checker/commit/f82b535d3b7f152fa00bb4680e94af18d1c1421d) changelog (@davglass)

### v9.0.3 (2017/04/10 13:42 +00:00)

- [a0fd60f](https://github.com/davglass/license-checker/commit/a0fd60f972b7c84a32117b3dfc1f95bfa2282f27) 9.0.3 (@davglass)  
- [#95](https://github.com/davglass/license-checker/pull/95) Merge pull request #95 from abtris/prefix-component (@abtris)  
- [3b80272](https://github.com/davglass/license-checker/commit/3b80272a217687c2f0cd7a0c1e98775064d820ff) test: add test for csvComponentPrefix (@abtris)  
- [d593554](https://github.com/davglass/license-checker/commit/d593554c1a6b4f7e004e4a23fca88cb7294f8351) feat: add support for csvComponentPrefix (@abtris)  
- [5b2eea1](https://github.com/davglass/license-checker/commit/5b2eea12d8c54068a01a2cf1fd9bdeca8c1f0fa2) added contrib (@davglass)

### v9.0.2 (2017/04/05 14:55 +00:00)

- [f24833b](https://github.com/davglass/license-checker/commit/f24833bce846f608ec3d8c327d335da56c42b895) 9.0.2 (@davglass)  
- [#94](https://github.com/davglass/license-checker/pull/94) Merge pull request #94 from timbru31/fix-command-exclude (@timbru31)  
- [2d08a77](https://github.com/davglass/license-checker/commit/2d08a77030362c7ab03ac12358dd524c0be47eee) contrib & changelog (@davglass)

### v9.0.1 (2017/04/05 13:09 +00:00)

- [9f1a1f3](https://github.com/davglass/license-checker/commit/9f1a1f32194a9bb312858f624e303af1ad4f61ca) 9.0.1 (@davglass)  
- [c99f612](https://github.com/davglass/license-checker/commit/c99f612fee22d9eb03db0ad41e7918fbaf6e8ed9) added test for licenseText (@davglass)  
- [#93](https://github.com/davglass/license-checker/pull/93) Merge pull request #93 from abtris/licenseText-just-in-customFormat (@abtris)  
- [8d7fb2f](https://github.com/davglass/license-checker/commit/8d7fb2f85fc585d8e75ab1459e0b0cef43993ba4) fix: allow escaped commas in exclude string (@timbru31)  
- [da4d73c](https://github.com/davglass/license-checker/commit/da4d73c0feb22f50ddbce54364eef5b7bcc7f1a4) test: fix test, remove check from non custom format (@abtris)  
- [dcd3b59](https://github.com/davglass/license-checker/commit/dcd3b59bb9457df354fa3095189235b6e030df1a) feat: add licenseText only for customFormat  
- [4e02eca](https://github.com/davglass/license-checker/commit/4e02eca6e8bd332ff6d90e5039cacb50f0df1bf3) updated contribs and changelog (@davglass)

### v9.0.0 (2017/04/04 12:26 +00:00)

- [267c80e](https://github.com/davglass/license-checker/commit/267c80efac89eef70c71a12b8f12b3dc8e6d58dd) 9.0.0 (@davglass)
- [057af47](https://github.com/davglass/license-checker/commit/057af47bc52ac526f646ba21496f338689801809) added licenseFile assertion to tests (@davglass)
- [#92](https://github.com/davglass/license-checker/pull/92) Merge pull request #92 from abtris/includeFileContent (@abtris)
- [1cda118](https://github.com/davglass/license-checker/commit/1cda118e1aa18cc391ba2765dcae89172943a0f) fix: replace problematic chars for easy import to Excel (@abtris)
- [dd6ecab](https://github.com/davglass/license-checker/commit/dd6ecab1a7b1354c4d1d001491f58dbe0f5e3e63) feat: add licenseText (@abtris)
- [6395498](https://github.com/davglass/license-checker/commit/639549890c54a12043244579ad0c0d5972309fb2) changes and contrib (@davglass)

### v8.0.4 (2017/02/15 16:21 +00:00)

- [28d379a](https://github.com/davglass/license-checker/commit/28d379aca51da7a47af324bc6feb63736ea02295) 8.0.4 (@davglass)
- [#89](https://github.com/davglass/license-checker/pull/89) Merge pull request #89 from Pawamoy/master (@Pawamoy)
- [#90](https://github.com/davglass/license-checker/pull/90) Merge pull request #90 from drewfish/bsd-source-code (@drewfish)
- [b704bc1](https://github.com/davglass/license-checker/commit/b704bc18a43de246302b8ff6933f8fe5f96ee3a6) guess BSD-Source-Code license (@drewfish)
- [8d31eab](https://github.com/davglass/license-checker/commit/8d31eabfb671d32e6f3e63215d6530d7fb4acc59) Add docs about customFormat option (@pawamoy)
- [2529d31](https://github.com/davglass/license-checker/commit/2529d3118dfae53f1e01056ec99f5c542cb8d63e) changes (@davglass)

### v8.0.3 (2016/11/10 17:04 +00:00)

- [66fd7b5](https://github.com/davglass/license-checker/commit/66fd7b5ad5577cc2c85668a7c6607365c86a2c85) 8.0.3 (@davglass)
- [#87](https://github.com/davglass/license-checker/pull/87) Merge pull request #87 from drewfish/guess-cc0 (@drewfish)
- [668bbd3](https://github.com/davglass/license-checker/commit/668bbd38fd5148f99c5263f4e0506e04d5e3f8a0) guess CC0-1.0, upgraded jshint (@drewfish)

### v8.0.2 (2016/11/09 21:57 +00:00)

- [0bdedd8](https://github.com/davglass/license-checker/commit/0bdedd8cb990e1f5ffacde1c12cc708185a5b866) 8.0.2 (@davglass)
- [ef67bb4](https://github.com/davglass/license-checker/commit/ef67bb454373352343faa49d4dc978a295bd1544) updated semver (@davglass)
- [14b5c85](https://github.com/davglass/license-checker/commit/14b5c8551ccbb5c5ce8aa76fb5367857c891d013) Changelog (@davglass)

### v8.0.1 (2016/11/09 21:51 +00:00)

- [594871d](https://github.com/davglass/license-checker/commit/594871d6197a030121f940500495e6ca7d82f02c) 8.0.1 (@davglass)

- [c243663](https://github.com/davglass/license-checker/commit/c243663b0ab8a0126251292a57b2c47369a51ebf) added contrib (@davglass)
- [#86](https://github.com/davglass/license-checker/pull/86) Merge pull request #86 from drewfish/copying (@drewfish)
- [380aa26](https://github.com/davglass/license-checker/commit/380aa26799cb527739907484e69c6dae26d5f17a) also support COPYING file (@drewfish)
- [329c367](https://github.com/davglass/license-checker/commit/329c3676d0cd5c5947a53fd205ff23b767b7f882) handling undefined@undefined error better (@davglass)
- [1f93a07](https://github.com/davglass/license-checker/commit/1f93a072632aad0660b63f61c56c3bd2fe109474) changelog (@davglass)

### v8.0.0 (2016/09/09 13:23 +00:00)

- [44c2c48](https://github.com/davglass/license-checker/commit/44c2c48ae177915523fdf89a74474fe0953408bf) 8.0.0 (@davglass)
- [b5f5c6a](https://github.com/davglass/license-checker/commit/b5f5c6ae03a8c60c52fdd308f1721744a4baaa99) [fixes #78] - include notice file if found (@davglass)
- [dfcbdf6](https://github.com/davglass/license-checker/commit/dfcbdf6f4966adc74e065f71e45cbd08ba8fe62ab) changelog (@davglass)
- [99976d0](https://github.com/davglass/license-checker/commit/99976d07980e241384be10341d0305d08de9cea5) 7.1.1 (@davglass)
- [ef857b7](https://github.com/davglass/license-checker/commit/ef857b7e9bab706299a1cc565ec5d144893af424) [fixes #77] fixed readme file name parsing, made it more strict (@davglass)

### v7.1.1 (2016/09/07 19:16 +00:00)

- [28be6d4](https://github.com/davglass/license-checker/commit/28be6d4128a3625cf8ed37ba149e79ed3a41b4fa) changelog (@davglass)

### v7.1.0 (2016/09/07 15:12 +00:00)

- [9f8b7f1](https://github.com/davglass/license-checker/commit/9f8b7f1c367dfe86342ee5f5cc97171bf97281aa) 7.1.0 (@davglass)
- [60fce1a](https://github.com/davglass/license-checker/commit/60fce1a24a4ef5add98a08dd8c8a85870db3f4a6) Fixed order of operations for parsing (@davglass)
- [9d4db11](https://github.com/davglass/license-checker/commit/9d4db112794b8110a1bfe0abfe2d3e63bc812299) Updated changelog (@davglass)

### v7.0.0 (2016/09/06 14:50 +00:00)

- [a3a08da](https://github.com/davglass/license-checker/commit/a3a08da70b680d724045f655e107f36b16b45fea) 7.0.0 (@davglass)
- [b993399](https://github.com/davglass/license-checker/commit/b9933994472162cc9c4292cb42f2900e17a5167f) added contrib (@davglass)
- [d783029](https://github.com/davglass/license-checker/commit/d7830297b053496e45b7145b3cfa5809ac8ab1d1) Fixes #76 - If readme data not found, look for it on disk (@davglass)
- [#75](https://github.com/davglass/license-checker/pull/75) Merge pull request #75 from revov/master (@revov)
- [6204a24](https://github.com/davglass/license-checker/commit/6204a244ee71ae0329b4f2c1ca6cf37713741f32) Fix incorrect example in README (@revov)
- [90e24ac](https://github.com/davglass/license-checker/commit/90e24ac9ad20591d5ac166cc2974034fb997b30a)

Added changelog (@davglass)  
- [dd768c6](https://github.com/davglass/license-checker/commit/dd768c6c8cbc39b596881a2eca582ad4bb816879)  
Added contributors (@davglass)

### v6.0.0 (2016/08/26 19:46 +00:00)  
- [4bca140](https://github.com/davglass/license-checker/commit/4bca140db752b7b98ad1e261e5ee965d84995741)  
6.0.0 (@davglass)  
- [889ff17](https://github.com/davglass/license-checker/commit/889ff171aeb01a2180f4c9100ca9ea528a264d81)  
updating tests (@davglass)  
- [ed18801](https://github.com/davglass/license-checker/commit/ed188010351c4afb44db0d32dfa1025de53bf10f)  
Merge branch 'nodeback' of git://github.com/bengl/license-checker into bengl-nodeback (@davglass)  
- [34bb266](https://github.com/davglass/license-checker/commit/34bb26677cd0e25500fa545d4f1e8aef216b8cc7)  
dropping node 0.10 and adding node 6.0 to travis (@davglass)  
- [1d30667](https://github.com/davglass/license-checker/commit/1d306674a7fface2cad31f2bd76d7584c7922bbc)  
updating tests (@davglass)  
- [65d7c73](https://github.com/davglass/license-checker/commit/65d7c73f967111003fcc71ae24a4a5391bd48046)  
Cleaned up some code (@davglass)  
- [f753998](https://github.com/davglass/license-checker/commit/f753998a06cbb5fd9fff6430b3588a3b3cf81339)  
Merge branch 'master' of git://github.com/amittkSharma/license-checker  
into amittkSharma-master (@davglass)  
- [28e4462](https://github.com/davglass/license-checker/commit/28e4462543724685080c1623dc2dbd57cabb1c30)  
Added tests and cleaned up linting (@davglass)  
- [153857a](https://github.com/davglass/license-checker/commit/153857a251a97d14c883f6479579844b2980b5aa)  
Publisher Information incorporated.  
- [1265cb3](https://github.com/davglass/license-checker/commit/1265cb38d186ab1609dbdfa4124f237f8aa15846)  
Added ability to output individual license files (@aweber1)  
- [49e11d0](https://github.com/davglass/license-checker/commit/49e11d049645d565b7ef6d3c778af54eb13af888)  
fix tests (@bengl)  
- [26ffc6f](https://github.com/davglass/license-checker/commit/26ffc6f63d43c372c9a18f9c0c137608b3d5e4fa) use  
nodeback/errback (@bengl)

### v5.1.2 (2016/05/04 18:32 +00:00)  
- [7101c77](https://github.com/davglass/license-checker/commit/7101c77667ad134fe01f02c298e7df2a4080e311)  
5.1.2 (@davglass)  
- [#67](https://github.com/davglass/license-checker/pull/67)  
Merge pull request #67 from graingert/patch-2 (@graingert)  
- [a6ee290](https://github.com/davglass/license-checker/commit/a6ee2904eb7fcced220dcfe8548f80ec74fde3a2)  
Upgrade read-installed (@graingert)  
- [42e29c6](https://github.com/davglass/license-checker/commit/42e29c637940959121842762d74921bece5e8d93)  
migrating tests from vows to mocha (@davglass)

### v5.1.1 (2016/04/14 13:20 +00:00)  
- [6ae0334](https://github.com/davglass/license-checker/commit/6ae03348ca8e5835ac732028afdab664a381cfc4)  
5.1.1 (@davglass)  
- [0720a46](https://github.com/davglass/license-checker/commit/0720a46569f3e12eb398165526944f307e08aad6)  
Fixes #64 - Turn off color for --json/markdown/csv options (@davglass)

### v5.1.0 (2016/03/09 15:50 +00:00)

- [86772d2](https://github.com/davglass/license-checker/commit/86772d202b63d4a4c6729b9a774193ca6ef5cb3f) 5.1.0 (@davglass)  
- [#61](https://github.com/davglass/license-checker/pull/61) Merge pull request #61 from sgt dck/master (@sgtdck)  
- [6547ac1](https://github.com/davglass/license-checker/commit/6547ac1ded58560c7c4abdfc68fa69d17b81fe1e) Removed obsolete d[key].name assignment from tests (@sgtdck)  
- [00b18a6](https://github.com/davglass/license-checker/commit/00b18a6012387e1a4a8284c07bf2d08740e03ddd) Added a --relativeLicensePath option to display the license file relatively to the current path. (@sgtdck)  
- [629da20](https://github.com/davglass/license-checker/commit/629da201e0d1170057fd9efe05efcb293d2f1bda) Added latest contributors (@davglass)

### v5.0.1 (2016/02/08 15:57 +00:00)

- [33731fc](https://github.com/davglass/license-checker/commit/33731fca482936a7a18fffe3fca2f3cd41e3a625) 5.0.1 (@davglass)  
- [fe06eae](https://github.com/davglass/license-checker/commit/fe06eae8844d050ad0f80d576a221dd605131de) Fixed replace (@davglass)  
- [997914f](https://github.com/davglass/license-checker/commit/997914fd6f94030452d4d9bf549eb156ae8ef7c0) fix git+https URLs (@graingert)  
- [#57](https://github.com/davglass/license-checker/pull/57) Merge pull request #57 from Damien-Larmine/doc-license-asterisk (@Damien-Larmine)  
- [2adff2d](https://github.com/davglass/license-checker/commit/2adff2da98a5af79479a162e4998eb5892ab31c3) Explicit the asterisk in license report (@Damien-Larmine)  
- [b2fc9cf](https://github.com/davglass/license-checker/commit/b2fc9cf2a8eaa008c7593037d046f245a7ce7f25) 5.0.0 (@davglass)  
- [7f71c53](https://github.com/davglass/license-checker/commit/7f71c53833cf1318ffe84215fcb1291f9ce4fbd5) updated contributors (@davglass)

### v5.0.0 (2016/01/22 15:31 +00:00)

- [#55](https://github.com/davglass/license-checker/pull/55) Merge pull request #55 from davglass/devflag (@davglass)  
- [ff1d8f2](https://github.com/davglass/license-checker/commit/ff1d8f20d5d7248a4f61e2fc9279fdfea91a6ec6) supporting --production and --development flags (@davglass)  
- [#53](https://github.com/davglass/license-checker/pull/53) Merge pull request #53 from swashcap/enhancement/#46-verbose-output (@swashcap)  
- [#54](https://github.com/davglass/license-checker/pull/54) Merge pull request #54 from davglass/travis-updates (@davglass)  
- [2c80d9d](https://github.com/davglass/license-checker/commit/2c80d9d2dcc59340698630144256096a91e23f22) fixing tests in other node versions (@davglass)  
- [78820ac](https://github.com/davglass/license-checker/commit/78820ac33ab8aed74809c8a5f8847705c8b2848e) travis config updates (@davglass)  
- [f94263b](https://github.com/davglass/license-checker/commit/f94263b203046e2f53d64997b0261498010eb38d) Update documentation for debug use. (@swashcap)  
- [429e44d](https://github.com/davglass/license-checker/commit/429e44d697527221ef22bb03af9d67820015446f) Change `console.error` call to use debug module. (@swashcap)  
- [7312daf](https://github.com/davglass/license-checker/commit/7312daf7af195a1b9d1b1f290fae15963fbb2ab4) Add debug to project. (@swashcap)

### v4.2.0 (2015/10/20 13:44 +00:00)

- [3583d92](https://github.com/davglass/license-checker/commit/3583d925e96fc9f63b3bbf0110b11c8448aed0e7)

4.2.0 (@davglass)

- [981eeda](https://github.com/davglass/license-checker/commit/981eeda898084dea88d54ea29c5bda93c5313fb6) Fixes #49: Default to unknown if licenses null and added ISC support (@davglass)

### v4.1.2 (2015/09/29 13:46 +00:00)

- [ba946dd](https://github.com/davglass/license-checker/commit/ba946dd1065e762c36b27dceccdd9bb7389ad18d4)

4.1.2 (@davglass)

- [#48](https://github.com/davglass/license-checker/pull/48) Merge pull request #48 from CantemoInternal/master (@CantemoInternal)
- [e314a6d](https://github.com/davglass/license-checker/commit/e314a6d1f505d19478c33871640a763fabff6abd) Fix json, csv and markdown output for license-checker (@mattiasa)

### v4.1.1 (2015/09/12 14:39 +00:00)

- [c918314](https://github.com/davglass/license-checker/commit/c918314bfc687b647d1d288bb5857dd1caac1393)

4.1.1 (@davglass)

- [#47](https://github.com/davglass/license-checker/pull/47) Merge pull request #47 from tmpvar/ensure-bin-runs (@tmpvar)
- [a842eca](https://github.com/davglass/license-checker/commit/a842eca4f008c07df3039dcaacd4641d7273625) add missing } (@tmpvar)
- [1d513bb](https://github.com/davglass/license-checker/commit/1d513bb673d726f34286061446f965e46d96170e) ensure bin/license-checker works at a high-level (@tmpvar)

### v4.1.0 (2015/09/09 14:52 +00:00)

- [a4bb437](https://github.com/davglass/license-checker/commit/a4bb437ffa806c0832f877da2de7a107863d0a1f)

4.1.0 (@davglass)

- [ddd317a](https://github.com/davglass/license-checker/commit/ddd317a5a09344f0021812b8dee2f39bbbf07a0) fixed all of the windows line endings (@davglass)
- [11e6487](https://github.com/davglass/license-checker/commit/11e64870484435e1e6f8efb9b0f13e6b2f737a6b) Fix issues caused by merge (@ptusch)
- [313a7ed](https://github.com/davglass/license-checker/commit/313a7edc3dbdf8d50e43ba8da89306d3c89326bc) Merge remote-tracking branch 'remotes/upstream/master' into ft\_custom\_format (@ptusch)
- [1f5e326](https://github.com/davglass/license-checker/commit/1f5e326dbca91fc8a396b9e02efe3eac9fd82a82) added contributors to package.json (@davglass)
- [#45](https://github.com/davglass/license-checker/pull/45) Merge pull request #45 from hufsm/ft\_error\_handling (@hufsm)
- [c806034](https://github.com/davglass/license-checker/commit/c806034ab6feaecf297d0c23afb536b290ba8c81) Remove unused var statement (@ptusch)
- [778b1fa](https://github.com/davglass/license-checker/commit/778b1fa1a9c1be0c816545165020522d2dbf17ef) More tests to fulfill the required % (@ptusch)
- [22257d9](https://github.com/davglass/license-checker/commit/22257d95490765db816578cc48c2b5b62699f1aa) Add tests for licenses (WTFPL) (@ptusch)
- [0fe7561](https://github.com/davglass/license-checker/commit/0fe75611a73970fe9e9e0aab2d4bdee5250435b2) Remove unused filter option (never used) (@ptusch)
- [83caa10](https://github.com/davglass/license-checker/commit/83caa10493a5a05ffba6c0e80b5c03f9cd4f65d6) Change license shortcut for WTFPL (@ptusch)
- [3e348db](https://github.com/davglass/license-checker/commit/3e348dbe5feeb7bd356ebef3cd34e69329dbc8c1) More



tests for the custom formatter (@ptusch)  
- [96c2d6f](https://github.com/davglass/license-checker/commit/96c2d6f24c509df2bf3f6bd8b83a613fea8d9ecc)  
Add tests for customFormatter (@ptusch)  
- [c9948c4](https://github.com/davglass/license-checker/commit/c9948c4b7b2cccdd053ba63f4fd2a6a6d0a46493)  
Add test configs (@ptusch)  
- [4b2dea0](https://github.com/davglass/license-checker/commit/4b2dea0c124f6aba63abd2129625825c3b5a6570)  
Fix merge issues - semicolon slipped through (@ptusch)  
- [cc7662a](https://github.com/davglass/license-checker/commit/cc7662a46719c97745410e3ac2b782f937dc54ef)  
Merge branch 'master' into ft\_error\_handling (@ptusch)  
- [04a2294](https://github.com/davglass/license-checker/commit/04a2294b82a8227cccb83d76f73cbd7cf62af533)  
Add additional test (@ptusch)  
- [52fa91c](https://github.com/davglass/license-checker/commit/52fa91c5cbc345736ebe6e97f400a27a773502d2)  
Add parseJson test (@ptusch)  
- [d846c5e](https://github.com/davglass/license-checker/commit/d846c5e6970737dd3085688e7b601e9ea4546417)  
Fix tests after merge conflict (@ptusch)  
- [7eac458](https://github.com/davglass/license-checker/commit/7eac4583f8003b5bda4ef966768bbb457fe8dc44)  
Merge branch 'master' into ft\_custom\_format (@ptusch)  
- [4aa7065](https://github.com/davglass/license-checker/commit/4aa7065c5eef88d49c3684369b2edd9802c3f374)  
Add tests for customFormat (@ptusch)

### v4.0.0 (2015/09/04 13:40 +00:00)

- [3fbba5b](https://github.com/davglass/license-checker/commit/3fbba5bd5a489ea8c17328eabf71c4d5e9beb17e)  
4.0.0 (@davglass)  
- [ce8d661](https://github.com/davglass/license-checker/commit/ce8d66108a49af7855c16231ce675c567a2ffe7f)  
tests: added 100% coverage for license file (@davglass)  
- [#42](https://github.com/davglass/license-checker/pull/42) Merge pull request #42 from ptusch/ft\_onlyunknown (@ptusch)  
- [8929e90](https://github.com/davglass/license-checker/commit/8929e90413be0362f19e755048e9218c372abf68)  
Add tests for the error generation (@ptusch)  
- [1a93a41](https://github.com/davglass/license-checker/commit/1a93a41569a53a1580c94c2c903a5bc127ad2692)  
Add error handling (@ptusch)  
- [6b79145](https://github.com/davglass/license-checker/commit/6b791457463dca71b22b09eecff16bbf982db682)  
Add additional check to negate the test (@ptusch)  
- [559e72c](https://github.com/davglass/license-checker/commit/559e72ccab2420bc42bf28b498702dad13ef967a)  
Add test for the first function call. (@ptusch)  
- [faf8ffd](https://github.com/davglass/license-checker/commit/faf8ffd69fd8ae475484a9b47b57a7b6ea738856)  
Remove trivial UNKNOWN check (@ptusch)  
- [6fa44ef](https://github.com/davglass/license-checker/commit/6fa44ef8c045ab2b0a1291b45990edf52adfc0e2)  
Merge branch 'master' into ft\_custom\_format (@ptusch)  
- [efe23d9](https://github.com/davglass/license-checker/commit/efe23d991cfc40dc6980fbf13461408da822b1f)  
Merge branch 'master' into ft\_onlyunknown (@ptusch)  
- [c287959](https://github.com/davglass/license-checker/commit/c2879592858805d7ecd0304a39c5cf079efe6a7c)  
Add option to only show unknown licenses (@ptusch)  
-  
[#43](https://github.com/davglass/license-checker/pull/43) Merge pull request #43 from senotrusov/master (@senotrusov)  
- [d7a663f](https://github.com/davglass/license-checker/commit/d7a663f9deeb4d7a648a6d2cb9db84d5667ee540)  
Add test for exclude option. (@senotrusov)

- [45a27de](https://github.com/davglass/license-checker/commit/45a27de02a3c1d57a86e3f8e14b6e335788c23ba) Add option to exclude from the output modules which licenses are in the comma-separated list (@senotrusov)
- [#41](https://github.com/davglass/license-checker/pull/41) Merge pull request #41 from ptusch/ft\_path\_to\_unknown\_dependency (@ptusch)
- [1ff5f22](https://github.com/davglass/license-checker/commit/1ff5f225fd2ba97edfd3ef3f6462981832740c19) Add option to see the path of a dependency if unknown (@ptusch)
- [ea4d629](https://github.com/davglass/license-checker/commit/ea4d6297de32d94201bb4786da7ba824d928c8f2) Add additional 'undefined' checks (@ptusch)
- [af043a2](https://github.com/davglass/license-checker/commit/af043a2c11af45d28bfe71914cd10672855b3297) Merge branch 'master' into ft\_custom\_format (@ptusch)
- [2d94a19](https://github.com/davglass/license-checker/commit/2d94a19ece177836345a4227893a82d956141b2e) updating the docs for --unknown to make it clear (@davglass)
- [38a2bd2](https://github.com/davglass/license-checker/commit/38a2bd28a9597fdb06d844258f1070054b38bbcf) Fix codestyle and whitespaces (@ptusch)
- [dd173ba](https://github.com/davglass/license-checker/commit/dd173badc65368dc614047ffe5ae3768bf9618) Add --customPath in README.md (@ptusch)
- [911fc1c](https://github.com/davglass/license-checker/commit/911fc1c6b5cc27a32aac60bb409c08be138bc707) Finalize the customFormat (markdown) (@ptusch)
- [8102091](https://github.com/davglass/license-checker/commit/8102091f7949fa8b73cfc803e4aead3624b81148) Add functionality to add a custom format (@ptusch)

### v3.1.0 (2015/06/29 14:25 +00:00)

- [59e1e58](https://github.com/davglass/license-checker/commit/59e1e58ca0bea1cd38e3da1712fe7ca624d860b0) 3.1.0 (@davglass)
- [0e33f7a](https://github.com/davglass/license-checker/commit/0e33f7a2cb9fa69d13d1e2b5c69f70f885e09e08) reformatted code, fixed lint issues and added tests (@davglass)
- [83a7f09](https://github.com/davglass/license-checker/commit/83a7f0933d1cc1f331279e53fcce13e4efface91) Merge branch 'asMarkdown' of git://github.com/ptusch/license-checker into ptusch-asMarkdown (@davglass)
- [703ad47](https://github.com/davglass/license-checker/commit/703ad4714173559e05267e8fd24c74e5b9d3aee0) fixing tests (@davglass)
- [2d9fffd](https://github.com/davglass/license-checker/commit/2d9fffd75192e9812692c9099481d23e265bb493) Added Markdown Option (@ptusch)
- [67dca36](https://github.com/davglass/license-checker/commit/67dca365b941a7265e4a98d2de533b22c761b169) Remove color tags (@ptusch)

### v3.0.3 (2015/06/03 13:35 +00:00)

- [7475c12](https://github.com/davglass/license-checker/commit/7475c129bf291289e4616d9692a962ae537401e8) 3.0.3 (@davglass)
- [c7dae0f](https://github.com/davglass/license-checker/commit/c7dae0fe5317a17b3aef61e8c118fafc6bb43a56) spdx license (@davglass)

### v3.0.2 (2015/05/12 20:29 +00:00)

- [01f3b53](https://github.com/davglass/license-checker/commit/01f3b5384998be6243d38e0d95a4478e5fe3cfa5) 3.0.2 (@davglass)
- [fc0c083](https://github.com/davglass/license-checker/commit/fc0c0832ee291c55e53efe6b37a7b9d89f191bc7) defensive code, fixes #34 (@davglass)

### v3.0.1 (2015/05/04 12:28 +00:00)

- [0479570](https://github.com/davglass/license-checker/commit/0479570faf87ecc9b37fbb25afae7faaec6636)  
3.0.1 (@davglass)  
- [d85e355](https://github.com/davglass/license-checker/commit/d85e355b55998952facf202eabf8d374fec69a7e)  
Checking for valid path first (@davglass)

### v3.0.0 (2015/04/24 14:38 +00:00)

- [e22b61d](https://github.com/davglass/license-checker/commit/e22b61d5d32fef7ffb18627f55a97e1863a78096)  
3.0.0 (@davglass)  
- [fde9635](https://github.com/davglass/license-checker/commit/fde963583dd207eca4badffb3e0d033a038f17b5)  
always try to find and log the  
license file (@davglass)

### v2.0.2 (2015/01/26 18:18 +00:00)

- [490f31d](https://github.com/davglass/license-checker/commit/490f31d6820f068814cfe27adf3af1ac6d58f733)  
2.0.2 (@davglass)  
- [a3fefdb](https://github.com/davglass/license-checker/commit/a3fefdb8fafd7ec64714defb793d757a9e8ad065)  
fixes #30 (@davglass)

### v2.0.1 (2015/01/12 18:34 +00:00)

- [898fbd5](https://github.com/davglass/license-checker/commit/898fbd53fa289338cf8a9a1735eea440c2a6c525)  
2.0.1 (@davglass)  
- [2da23db](https://github.com/davglass/license-checker/commit/2da23db2f240e7e73efdf93cc554e4d7783af225)  
cleaned up spacing and moved vars around (@davglass)  
- [d47dbe4](https://github.com/davglass/license-checker/commit/d47dbe45c992dbbdb15bfb45e8af7f18ee0ca737)  
fixes #29 (@davglass)

### v2.0.0 (2014/12/04 16:34 +00:00)

- [f94edfe](https://github.com/davglass/license-checker/commit/f94edfec7a9914b4a36f455e8bffc6230d6f7a5e)  
2.0.0 (@davglass)  
- [f4c7b1a](https://github.com/davglass/license-checker/commit/f4c7b1a3d4e9c0e4753a9b267e51714fe7f7051e)  
syntax cleanup (@davglass)  
- [d189623](https://github.com/davglass/license-checker/commit/d1896234a5649621ee57ff9a901877d769217194)  
Document CLI options in Readme. (@timoxley)  
- [11e204c](https://github.com/davglass/license-checker/commit/11e204c5c078eae1f165fa010da229d2a9fb4b5)  
Default to --no-colour for json, csv & file output. (@timoxley)  
- [7e80d50](https://github.com/davglass/license-checker/commit/7e80d50c733f8ee42c7b4a79dc3344b3dd330cff)  
Add --out flag for writing an output file. (@timoxley)  
- [47bffc9](https://github.com/davglass/license-checker/commit/47bffc9e0e249b2847c8ed4f3eaadb0dcdd731b9)  
Always print to stdout, don't write files. (@timoxley)  
- [b725080](https://github.com/davglass/license-checker/commit/b725080d2dbdfdbf0994867577d4c5e3dc0ee2a)  
Don't print info messages to stdout. (@timoxley)

### v1.0.1 (2014/11/27 15:23 +00:00)

- [e60f792](https://github.com/davglass/license-checker/commit/e60f792159351aa7ccff1f7af73e289afee261a5)  
1.0.1 (@davglass)  
-  
[3f74178](https://github.com/davglass/license-checker/commit/3f7417822dc8804978d1bae4ed84190d327df15c)  
Merge branch 'fixinfiniterecursion' of github.com:yzapuchlak/license-checker into yzapuchlak-fixinfiniterecursion

(@davglass)  
- [dc78ea0](https://github.com/davglass/license-checker/commit/dc78ea0dca546283440c89fec2dc6818dc4cc1c1) sticking vows 0.8.0 for testing (@davglass)  
- [bd549b3](https://github.com/davglass/license-checker/commit/bd549b3b68e74fddd0e08dac10d5f88a8bb51ca6) Fixed issue where circular dependencies in dependency tree would cause the flatten function to infinitely recurse. If the current key is found to be already in the data object (which means it was already processed), we stop processing that key and return the data object. (@yzapuchlak)

### v1.0.0 (2014/11/21 13:56 +00:00)  
- [917193d](https://github.com/davglass/license-checker/commit/917193dab27147534976b71307a77f48198ca322) 1.0.0 (@davglass)  
- [63e5f9c](https://github.com/davglass/license-checker/commit/63e5f9c77e348720b3867171bcc67541e846d088) added options.filter to checker.init (@davglass)

### v0.1.2 (2014/11/20 15:48 +00:00)  
- [8e5f5f0](https://github.com/davglass/license-checker/commit/8e5f5f0e7f83252e4039f6c7d16cc266acc1a33a) 0.1.2 (@davglass)  
- [3d7a74e](https://github.com/davglass/license-checker/commit/3d7a74e90122f908057b2008ab29d8bd49011291) fixed lint issue (@davglass)

### v0.1.1 (2014/11/20 15:47 +00:00)  
- [750d507](https://github.com/davglass/license-checker/commit/750d5079d32b44ecc984ff7ed672498d1b197235) 0.1.1 (@davglass)  
- [94522e0](https://github.com/davglass/license-checker/commit/94522e099434dfdf163c3f2c5cacb3e6aa196cf8) fixed merge issues (@davglass)

### v0.1.0 (2014/11/20 15:41 +00:00)  
- [8127f5e](https://github.com/davglass/license-checker/commit/8127f5e79eeceb7dfd86cd5f694080e4183dcb11) 0.1.0 (@davglass)  
- [76c71ac](https://github.com/davglass/license-checker/commit/76c71ac46baeca8c349fe5892dcb659e859b9608) Updated to newer read-installed (@davglass)

###  
v0.0.10 (2014/08/12 12:48 +00:00)  
- [807507d](https://github.com/davglass/license-checker/commit/807507df1a293bc0360adffd725a9f911331ff2b) 0.0.10 (@davglass)  
- [e39ad9b](https://github.com/davglass/license-checker/commit/e39ad9bce6bcd545772c241e2e7aba8f40d5bbbb) Added checking that the license file is a normal file, because otherwise an appropriately named directory crashes the license-checker through EISDIR, illegal operation on a directory.  
- [40ca4da](https://github.com/davglass/license-checker/commit/40ca4dadbc163ca774c87b1de249bd295952faa9) colorize (@couchand)

### v0.0.9 (2014/07/29 01:48 +00:00)  
- [c14ef79](https://github.com/davglass/license-checker/commit/c14ef79f10f950ff0985e7e0b3138147b98ab1ec) 0.0.9 (@davglass)  
- [ba1b66b](https://github.com/davglass/license-checker/commit/ba1b66b6172a2f9f8dbcdc56f40206820bc0916b) Fixes #12 - Using some nicer regexes (@davglass)  
- [bce94d5](https://github.com/davglass/license-checker/commit/bce94d5a8ab2f146356851776b2543df65fbf750)

case insensitive

check (@davglass)

- [87c3406](https://github.com/davglass/license-checker/commit/87c3406ae2507eaf1d00d592f6dcb59a16e7c48)

Allow for LICENCE (@gdw2)

### v0.0.8 (2014/07/07 20:10 +00:00)

- [6ad6ee2](https://github.com/davglass/license-checker/commit/6ad6ee21813e698e7f995e98dcadafb961f6a33)

0.0.8 (@davglass)

- [b8c5815](https://github.com/davglass/license-checker/commit/b8c58151135f57d91fb0d1cfb194d034c012073f)  
added tests and refactored the code a little (@davglass)

- [275f276](https://github.com/davglass/license-checker/commit/275f276dc6e6d5635f9cb5b7e9a978e286f2d174)

Added --csv option to readme file

- [d91eb72](https://github.com/davglass/license-checker/commit/d91eb7289466853ae6e88448b953b4d3d98ebab5)  
Apparently abbrev is now at version 1.0.5 which caused the unit test to fail.

- [40b4a42](https://github.com/davglass/license-checker/commit/40b4a420e520c2008b9395d1a8fdf38b56f846f5)

Modified changes based on lshint output during Travis build

- [54e2390](https://github.com/davglass/license-checker/commit/54e2390cefd1dc664a15cd3a84347227f889f48b)

Added csv output option similar to the existing JSON output option. Requires an output filename.

### v0.0.7 (2014/02/26 04:52 +00:00)

- [1ce6d42](https://github.com/davglass/license-checker/commit/1ce6d42147b2d0237870818e8059003b331816cf)

0.0.7 (@davglass)

- [7d04195](https://github.com/davglass/license-checker/commit/7d041959450c68b3c5f427007c43cd6c73c6adfb)

Added not check and a proper test (@davglass)

- [40d6e25](https://github.com/davglass/license-checker/commit/40d6e2580946c3cee1d408ebe28ff523852e8eb2)

Undefined handling (@garrows)

- [90217d0](https://github.com/davglass/license-checker/commit/90217d070fd62cf76eb4e7b1610ed5eef6ae840d)

travis Stuff (@davglass)

- [2bd76c8](https://github.com/davglass/license-checker/commit/2bd76c894f740cd83f6246e0e7341832c6432d8b)

0.0.6 (@davglass)

- [6f390ff](https://github.com/davglass/license-checker/commit/6f390fff60b31a07939e6d325796bdcfbefb5907)

Added some better tests

(@davglass)

- [2dbcac3](https://github.com/davglass/license-checker/commit/2dbcac37b5795ceb6db53452d0e41d1c4bc3153f)

Looking for WTFPL as well as the string (@davglass)

- [5d91a07](https://github.com/davglass/license-checker/commit/5d91a073a8b76ec9a497c1e3b83198ce97e144fd)

Flattened array of one (@davglass)

- [e95da82](https://github.com/davglass/license-checker/commit/e95da820c63e0d56c4567f1cfad07142d3110eca)

Fixed extra var (@davglass)

- [fe8f2f7](https://github.com/davglass/license-checker/commit/fe8f2f7d39d520c0c4d87d34c9d4f55d59f4222d)

Removing unnecessary log statement (@paulmand31)

- [72a6f24](https://github.com/davglass/license-checker/commit/72a6f2403de43ecf5ec07bb504cb931c0e53f6a3)

Adding license checks in the LICENSE file (and variations) (@paulmand31)

- [#7](https://github.com/davglass/license-checker/pull/7) Merge pull request #7 from jamesbloomer/master

(@jamesbloomer)

- [a81eee0](https://github.com/davglass/license-checker/commit/a81eee0a27f580688e371cc15015e848f591bb92)

Fixed missing "install" in npm -g (@jamesbloomer)

- [416b012](https://github.com/davglass/license-checker/commit/416b01219e07a8274e05cd883ec050376902adeb)

Updated Version (@davglass)

- [6d9bd1e](https://github.com/davglass/license-checker/commit/6d9bd1e195202c871693d4b1e9bac8c055683e8b)

Fixed lint issue and added a test placeholder. Will add more tests soon (@davglass)

- [655a316](https://github.com/davglass/license-checker/commit/655a316f6448daf3c449f8b88e8878a95a8b153e)

Added Travis test file (@davglass)

- [99895df](https://github.com/davglass/license-checker/commit/99895df6d3ac0f9ae4e8c935311fb1b3f88a688e)

Version Bump (@davglass)

- [#4](https://github.com/davglass/license-checker/pull/4) Merge pull request #4 from badunk/refactor (@badunk)

- [1123a1b](https://github.com/davglass/license-checker/commit/1123a1baefc1975f8c36cb59952254cd66c31017)

Merge branch 'master' of https://github.com/davglass/license-checker (@badunk)

- [191612e](https://github.com/davglass/license-checker/commit/191612e5c21a01bd453368299a14cc5ff1c6fb13)

Version Bump (@davglass)

- [#2](https://github.com/davglass/license-checker/pull/2) Merge pull request #2 from badunk/circular (@badunk)

- [9b5a117](https://github.com/davglass/license-checker/commit/9b5a1175892254e96d72f3d8dc793dcc4e2bde37)

fixed special case when an empty array is passed to license/licenses (@badunk)

- [025668b](https://github.com/davglass/license-checker/commit/025668b0a62b0d5b58662ce6aeed91de909a6fef)

fixed bug with multiple licenses objects not showing (@badunk)

- [e6bdf52](https://github.com/davglass/license-checker/commit/e6bdf52a8e5f9ebed29982014fa4d4586f63d06a)

cleaned up the code (@badunk)

- [efb62f2](https://github.com/davglass/license-checker/commit/efb62f2f52a29e9a37a7f387b280fc17ab0a5f19)

added check for circular dependencies (@badunk)

- [825b40c](https://github.com/davglass/license-checker/commit/825b40cb61fee36dd60751daa9d44e28853587ac)

Version Bump (@davglass)

- [#1](https://github.com/davglass/license-checker/pull/1)

Merge pull request #1 from mwilliamson/master (@mwilliamson)

- [2f24319](https://github.com/davglass/license-checker/commit/2f24319dd8dd212a1f78ad91af7fee21d50ab762)

Don't ignore license field if it's a string (@mwilliamson)

- [7b8c34f](https://github.com/davglass/license-checker/commit/7b8c34f75b04a7541bf23d596bbae5447492c53)

Initial Commit (@davglass)

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## 1.378 nfs-utils 0.25-12.el7

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# 1.379 nfs-utils 1.3.0-0.21.el7

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```
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```

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

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

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library `Frob' (a library for tweaking knobs) written by James  
Random Hacker.

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

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## 1.388 libxcursor 1.1.15-1.el7

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## 1.389 boost 1.53.0-27.el7

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```
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=US-ASCII">
<title>MPL Interoperability</title>
<link rel="stylesheet" href="../../../../doc/src/boostbook.css" type="text/css">
<meta name="generator" content="DocBook XSL Stylesheets V1.77.1">
<link rel="home" href="../../../../index.html" title="Chapter 1; Boost.TypeTraits">
<link rel="up" href="../../../../index.html" title="Chapter 1; Boost.TypeTraits">
<link rel="prev" href="../../../../intrinsic.html" title="Support for Compiler Intrinsics">
<link rel="next" href="../../../../examples.html" title="Examples">
</head>
<body bgcolor="white" text="black" link="#0000FF" vlink="#840084" alink="#0000FF">
<table cellpadding="2" width="100%"><tr>
<td valign="top"></td>
<td align="center">Home</td>
<td align="center">Libraries</td>
<td align="center">People</td>
<td align="center">FAQ</td>
<td align="center">More</td>
</tr></table>
<hr>
```

```

<div class="spirit-nav">
<a accesskey="h"
href="../../index.html"><a accesskey="n"
href="examples.html">
</div>
<div class="section boost_typedtraits_mpl">
<div class="titlepage"><div><div><h2 class="title" style="clear: both">
MPL
Interoperability
</h2></div></div></div>
<p>
All the value based traits in this library conform to MPL's requirements
for
an Integral
Constant type: that includes a number of rather intrusive workarounds
for broken compilers.
</p>
<p>
Purely as an implementation detail, this means that <code class="computeroutput"><a class="link"
href="reference/integral_constant.html" title="integral_constant">true_type</code>
inherits from <code
class="computeroutput">boost::mpl::true_</code>,
<code class="computeroutput"><a class="link" href="reference/integral_constant.html"
title="integral_constant">false_type</code>
inherits from <code
class="computeroutput">boost::mpl::false_</code>,
and <code class="computeroutput"><a class="link" href="reference/integral_constant.html"
title="integral_constant">integral_constantT,
v></code>
inherits from <code
class="computeroutput">boost::mpl::integral_cT,v></code>
(provided <code class="computeroutput">T</code> is not <code class="computeroutput">bool</code>)
</p>
</div>
<table xmlns:rev="http://www.cs.rpi.edu/~gregod/boost/tools/doc/revision" width="100%"><tr>
<td align="left"></td>
<td align="right"><div class="copyright-footer">Copyright © 2000, 2011 Adobe Systems Inc, David
Abrahams,

```

Frederic Bron, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant,  
 Jesse Jones, Mat Marcus, Itay Maman, John Maddock, Alexander Nasonov, Thorsten  
 Ottosen, Roman Perepelitsa, Robert Ramey, Jeremy Siek, Robert Stewart and Steven  
 Watanabe<p>  
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 target="\_top">http://www.boost.org/LICENSE\_1\_0.txt</a>)

```

 </p>
</div></td>
</tr></table>
<hr>
<div class="spirit-nav">

</div>
</body>
</html>
[article Invalid copyright
[quickbook 1.5]
[copyright No year]
]
```

Maybe this should pass?

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

```
<!-- Copyright (c) 2001-2006 CrystalClear Software, Inc.
```

```
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```

```
 (See accompanying file LICENSE_1_0.txt or http://www.boost.org/LICENSE_1_0.txt)
```

```
-->
```

```
<section id="date_time.license">
```

```
<title>Boost Date-Time Library License</title>
```

```
<bridgehead renderas="sect2">Boost Date-Time Library License</bridgehead>
```

```
<!--
```

```
<ulink url=".../index.htm">
```

```
 <imagedata align="left"
```

```
 format="GIF"
```

```
 fileref=".../boost.png"
```

```
 alt="C++ Boost" />
```

```
</ulink>-->
```

```
<!--hr /-->
```

```
<para>
```

```
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 library. This notice is found in all source files related to the
 library.
```

</para>

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</para>

<!--hr / -->

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

## HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser.

The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.

Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.



Thomas Funke (thf@zelator.in-berlin.de(?)) and  
 Brian D. Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.  
 Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.  
 Bill Janssen (janssen@parc.xerox.com) supplied  
 the SunOS dynamic loader  
 specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and  
 Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and  
 Dave Detlefs (detlefs@src.dec.com) also provided several generic bug fixes.  
 Alistair G. Crooks (agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports.  
 Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.  
 Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to  
 a Motorola 88K processor running CX/UX (Harris NightHawk).  
 Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to  
 nonIBM development environments (a nontrivial task).  
 Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.  
 David Chase, then at Olivetti Research, suggested several improvements.  
 Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the  
 code to save and print call stacks for leak detection on a SPARC.  
 Jesse Hull and John Ellis supplied the C++ interface code.  
 Zhong Shao performed much of the  
 experimentation that led to the  
 current typed allocation facility. (His dynamic type inference code hasn't  
 made it into the released version of the collector, yet.)

Index: boost/mpl/print.hpp

```

=====
--- boost/mpl/print.hpp (revision 83411)
+++ boost/mpl/print.hpp (working copy)
@@ -45,22 +45,21 @@
 : mpl::identity<T>
 #if defined(__MWERKS__)
 , aux::print_base
 #endif
+#endif
 {
 #if defined(BOOST_MSVC)
 enum { n = sizeof(T) + -1 };
 #elif defined(__MWERKS__)
 void f(int);
 #else
- enum {
- n =
-# if defined(__EDG_VERSION__)
- aux::dependent_unsigned<T>::value > -1
-# else
- sizeof(T) > -1
-# endif
- };
 #endif

```

```

+#elif defined(__EDG_VERSION__)
+ enum { n = aux::dependent_unsigned<T>::value > -1 };
+#elif defined(BOOST_GCC)
+ enum { n1 };
+ enum { n2 };
+ enum { n = n1 != n2 };
+#else
+ enum { n = sizeof(T) > -1 };
+#endif
};

```

```

#if defined(BOOST_MSVC)

```

```

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

```

```

=====
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```

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```

```

=====

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```

//
// See http://www.boost.org/libs/container for documentation.
//
//

#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
#define BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP

#if (defined _MSC_VER) && (_MSC_VER >= 1200)
pragma once
#endif

#include <cstddef>

namespace boost {
namespace container {
namespace container_detail {

template <class T, T val>
struct integral_constant
{
 static const T value = val;
 typedef integral_constant<T,val> type;
};

template< bool C_ >
struct bool_ : integral_constant<bool, C_>
{
 static const bool value = C_;
 operator bool() const { return bool_::value; }
};

typedef bool_<true> true_;
typedef
bool_<false> false_;

typedef true_ true_type;
typedef false_ false_type;

typedef char yes_type;
struct no_type
{
 char padding[8];
};

template <bool B, class T = void>
struct enable_if_c {
 typedef T type;

```

```

};

template <class T>
struct enable_if_c<false, T> {};

template <class Cond, class T = void>
struct enable_if : public enable_if_c<Cond::value, T> {};

template <class Cond, class T = void>
struct disable_if : public enable_if_c<!Cond::value, T> {};

template <bool B, class T = void>
struct disable_if_c : public enable_if_c<!B, T> {};

template <class T, class U>
class is_convertible
{
 typedef char true_t;
 class false_t { char dummy[2]; };
 static true_t dispatch(U);
 static false_t dispatch(...);
 static T trigger();
public:
 enum { value = sizeof(dispatch(trigger())) == sizeof(true_t) };
};

template<
 bool C
 , typename T1
 , typename T2
>
struct if_c
{
 typedef T1 type;
};

template<
 typename T1
 , typename T2
>
struct if_c<false,T1,T2>
{
 typedef T2 type;
};

template<
 typename T1
 , typename T2

```

```

 , typename T3
 >
struct if_
{
 typedef typename if_c<0 != T1::value, T2, T3>::type type;
};

template <class Pair>
struct select1st
// : public std::unary_function<Pair, typename Pair::first_type>
{
 template<class OtherPair>
 const typename Pair::first_type& operator()(const OtherPair& x) const
 { return x.first; }

 const typename Pair::first_type& operator()(const typename Pair::first_type& x) const
 { return x; }
};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
// : public std::unary_function<T,T>
{
 typedef T type;
 const T& operator()(const T& x) const
 { return x; }
};

template<std::size_t S>
struct ls_zeros
{
 static const std::size_t value = (S & std::size_t(1)) ? 0 : (1u + ls_zeros<(S >> 1u)>::value);
};

template<>
struct ls_zeros<0>
{
 static const std::size_t value = 0;
};

template<>
struct
ls_zeros<1>
{
 static const std::size_t value = 0;
};

```

```
template <typename T> struct unvoid { typedef T type; };
template <> struct unvoid<void> { struct type { }; };
template <> struct unvoid<const void> { struct type { }; };

} //namespace container_detail {
} //namespace container {
} //namespace boost {

#endif //ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
This package was debianized by Vladimir Prus <ghost@cs.msu.su> on
Wed, 17 July 2002, 19:27:00 +0400.
```

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```
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```
////////////////////////////////////
```

```
//
```

```
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```
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```

```
//
```

```
// See http://www.boost.org/libs/interprocess for documentation.
```

```
//
```

```
////////////////////////////////////
```

```
#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
```



```
#define BOOST_INTERPROCESS_DETAIL_MPL_HPP
```

```
#if (defined _MSC_VER) && (_MSC_VER >= 1200)
```

```
pragma once
```

```
#endif
```

```
#include <cstddef>
```

```
namespace boost {
namespace interprocess {
namespace ipcdetail {
```

```
template <class T, T val>
struct integral_constant
{
 static const T value = val;
 typedef integral_constant<T, val> type;
};
```

```
template< bool C_>
struct bool_ : integral_constant<bool, C_>
{
 static const bool value = C_;
};
```

```
typedef bool_<true> true_;
typedef bool_<false> false_;
```

```
typedef true_ true_type;
typedef
false_ false_type;
```

```
typedef char yes_type;
struct no_type
{
 char padding[8];
};
```

```
template <bool B, class T = void>
struct enable_if_c {
 typedef T type;
};
```

```
template <class T>
struct enable_if_c<false, T> {};
```

```
template <class Cond, class T = void>
struct enable_if : public enable_if_c<Cond::value, T> {};
```

```

template <class Cond, class T = void>
struct disable_if : public enable_if_c<!Cond::value, T> {};

template <class T, class U>
class is_convertible
{
 typedef char true_t;
 class false_t { char dummy[2]; };
 static true_t dispatch(U);
 static false_t dispatch(...);
 static T trigger();
public:
 static const bool value = sizeof(dispatch(trigger())) == sizeof(true_t);
};

template<
 bool C
 , typename T1
 , typename T2
>
struct if_c
{
 typedef T1 type;
};

template<
 typename T1
 , typename T2
>
struct if_c<false,T1,T2>
{
 typedef T2 type;
};

template<
 typename T1
 , typename T2
 , typename T3
>
struct if_
{
 typedef typename if_c<0 != T1::value, T2, T3>::type type;
};

template <class Pair>

```

```

struct select1st
// : public std::unary_function<Pair, typename Pair::first_type>
{
 template<class OtherPair>
 const typename Pair::first_type& operator()(const OtherPair& x) const
 { return x.first; }

 const typename Pair::first_type& operator()(const typename Pair::first_type& x) const
 { return x; }
};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
// : public std::unary_function<T,T>
{
 typedef T type;
 const T& operator()(const T& x) const
 { return x; }
};

template<std::size_t S>
struct ls_zeros
{
 static const std::size_t value = (S & std::size_t(1)) ? 0 : (1u + ls_zeros<(S >> 1u)>::value);
};

template<>
struct ls_zeros<0>
{
 static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
 static const std::size_t value = 0;
};

} //namespace ipcdetail {
} //namespace interprocess {
} //namespace boost
{

#endif //ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
[/
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Distributed under the Boost Software License, Version 1.0.

```

```

(See accompanying file LICENSE_1_0.txt or copy at
http://www.boost.org/LICENSE_1_0.txt).
]
//
//
// (C) Copyright Ion Gaztanaga 2006-2012
//
// Distributed under the Boost Software License, Version 1.0.
// (See accompanying file LICENSE_1_0.txt or copy at
// http://www.boost.org/LICENSE_1_0.txt)
//
// See http://www.boost.org/libs/intrusive for documentation.
//
//

#ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP
#define BOOST_INTRUSIVE_DETAIL_MPL_HPP

#include <boost/intrusive/detail/config_begin.hpp>
#include <cstddef>

namespace boost {
namespace intrusive {
namespace detail {

typedef char one;
struct two {one _[2];};

template< bool C_ >
struct bool_
{
 static const bool value = C_;
};

typedef bool_<true> true_;
typedef bool_<false> false_;

typedef true_ true_type;
typedef false_ false_type;

typedef char yes_type;
struct no_type
{
 char padding[8];
};

template <bool B, class T = void>
struct enable_if_c

```

```

{
typedef T type;
};

template <class T>
struct enable_if_c<false, T> {};

template <class Cond, class T = void>
struct enable_if : public enable_if_c<Cond::value, T>{};

template<class F, class Param>
struct apply
{
typedef typename F::template apply<Param>::type type;
};

template <class T, class U>
class is_convertible
{
typedef char true_t;
class false_t { char dummy[2]; };
static true_t dispatch(U);
static false_t dispatch(...);
static const T &trigger();
public:
static const bool value = sizeof(dispatch(trigger())) == sizeof(true_t);
};

template<
 bool C
 , typename T1
 , typename T2
 >
struct if_c
{
typedef T1 type;
};

template<
 typename T1
 , typename T2
 >
struct if_c<false,T1,T2>
{
typedef T2 type;
};

template<

```

```

 typename C
 , typename T1
 , typename T2
 >
struct if_
{
 typedef typename if_c<0 != C::value, T1, T2>::type type;
};

template<
 bool C
 , typename F1
 , typename F2
 >
struct
 eval_if_c
 : if_c<C,F1,F2>::type
 {};

template<
 typename C
 , typename T1
 , typename T2
 >
struct eval_if
 : if_c<C,T1,T2>::type
 {};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
{
 typedef T type;
};

#if defined(BOOST_MSVC) || defined(__BORLANDC_)
#define BOOST_INTRUSIVE_TT_DECL __cdecl
#else
#define BOOST_INTRUSIVE_TT_DECL
#endif

#if defined(_MSC_EXTENSIONS) && !defined(__BORLAND__) && !defined(_WIN64) &&
!defined(UNDER_CE)
#define BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS
#endif

template <typename T>
struct is_unary_or_binary_function_impl

```

```

{ static const bool value = false; };

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R>
struct is_unary_or_binary_function_impl<R (*)()>
{ static const bool value = true; };

template <typename R>
struct is_unary_or_binary_function_impl<R (*)(...)>
{ static
const bool value = true; };

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R>
struct is_unary_or_binary_function_impl<R (__stdcall*)()>
{ static const bool value = true; };

#ifndef _MANAGED

template <typename R>
struct is_unary_or_binary_function_impl<R (__fastcall*)()>
{ static const bool value = true; };

#endif

template <typename R>
struct is_unary_or_binary_function_impl<R (__cdecl*)()>
{ static const bool value = true; };

template <typename R>
struct is_unary_or_binary_function_impl<R (__cdecl*)(...)>
{ static const bool value = true; };

#endif

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (*)(T0)>
{ static const bool value = true; };

template <typename R, class T0>

```

```

struct is_unary_or_binary_function_impl<R (*)(T0...)>
{ static const bool value = true; };

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template
<typename R, class T0>
struct is_unary_or_binary_function_impl<R (__stdcall*)(T0)>
{ static const bool value = true; };

#ifndef _MANAGED

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__fastcall*)(T0)>
{ static const bool value = true; };

#endif

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0)>
{ static const bool value = true; };

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0...)>
{ static const bool value = true; };

#endif

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (*)(T0, T1)>
{ static const bool value = true; };

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (*)(T0, T1...)>
{ static const bool value
= true; };

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__stdcall*)(T0, T1)>
{ static const bool value = true; };

#endif _MANAGED

```



```

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__fastcall*)(T0, T1)>
{ static const bool value = true; };

#endif

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0, T1)>
{ static const bool value = true; };

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0, T1...)>
{ static const bool value = true; };
#endif

template <typename T>
struct is_unary_or_binary_function_impl<T&>
{ static const bool value = false; };

template<typename T>
struct is_unary_or_binary_function
{ static const bool value = is_unary_or_binary_function_impl<T>::value; };

//boost::alignment_of yields to 10K lines of preprocessed code, so we
//need an alternative
template
<typename T> struct alignment_of;

template <typename T>
struct alignment_of_hack
{
 char c;
 T t;
 alignment_of_hack();
};

template <unsigned A, unsigned S>
struct alignment_logic
{
 static const std::size_t value = A < S ? A : S;
};

template< typename T >
struct alignment_of
{
 static const std::size_t value = alignment_logic
 < sizeof(alignment_of_hack<T>) - sizeof(T)

```

```

 , sizeof(T)
 >::value;
};

template <typename T, typename U>
struct is_same
{
 typedef char yes_type;
 struct no_type
 {
 char padding[8];
 };

 template <typename V>
 static yes_type is_same_tester(V*, V*);
 static no_type is_same_tester(...);

 static T *t;
 static U *u;

 static const bool value = sizeof(yes_type) == sizeof(is_same_tester(t,u));
};

template<typename T>
struct add_const
{ typedef const T type; };

template<typename T>
struct remove_const
{ typedef T type; };

template<typename T>
struct remove_const<const
T>
{ typedef T type; };

template<typename T>
struct remove_cv
{ typedef T type; };

template<typename T>
struct remove_cv<const T>
{ typedef T type; };

template<typename T>
struct remove_cv<const volatile T>
{ typedef T type; };

```

```

template<typename T>
struct remove_cv<volatile T>
{ typedef T type; };

template<class T>
struct remove_reference
{
 typedef T type;
};

template<class T>
struct remove_reference<T&>
{
 typedef T type;
};

template<class Class>
class is_empty_class
{
 template <typename T>
 struct empty_helper_t1 : public T
 {
 empty_helper_t1();
 int i[256];
 };

 struct empty_helper_t2
 { int i[256]; };

 public:
 static const bool value = sizeof(empty_helper_t1<Class>) == sizeof(empty_helper_t2);
};

template<std::size_t S>
struct ls_zeros
{
 static const std::size_t value = (S & std::size_t(1)) ? 0 : (1 + ls_zeros<(S>>1u)>::value);
};

template<>
struct ls_zeros<0>
{
 static const std::size_t value = 0;
};

template<>
struct

```

```

ls_zeros<1>
{
 static const std::size_t value = 0;
};

} //namespace detail
} //namespace intrusive
} //namespace boost

#include <boost/intrusive/detail/config_end.hpp>

#endif //BOOST_INTRUSIVE_DETAIL_MPL_HPP
[article Copyright Test
[quickbook 1.5]
[copyright 1963-1965 Jane Doe, 2018 Joe Blow, John Coe]
[copyright 1977,1985 Someone else]
]
[/
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http://www.boost.org/LICENSE_1_0.txt).
]

```

[section:mpl MPL Interoperability]

All the value based traits in this library conform to MPL's requirements for an [ @../.../libs/mpl/doc/refmanual/integral-constant.html Integral Constant type]: that includes a number of rather intrusive workarounds for broken compilers.

Purely as an implementation detail, this means that `__true_type` inherits from [ @../.../libs/mpl/doc/refmanual/bool.html `boost::mpl::true_` ], `__false_type` inherits from [ @../.../libs/mpl/doc/refmanual/bool.html `boost::mpl::false_` ], and `__integral_constant<T, v>` inherits from [ @../.../libs/mpl/doc/refmanual/integral-c.html `boost::mpl::integral_c<T,v>` ] (provided `T` is not `bool`)

[endsect]

```

/*
*
* Copyright (c) 2003 Dr John Maddock
* Use, modification and distribution is subject to the
* Boost Software License, Version 1.0. (See accompanying file
* LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
*
*/

```

```

#include "licence_info.hpp"
#include "bcp_imp.hpp"
#include "fileview.hpp"
#include <fstream>
#include <iomanip>
#include <cstring>
#include <stdexcept>
#include <boost/lexical_cast.hpp>
#include <boost/filesystem/operations.hpp>
#include <boost/throw_exception.hpp>

//
// split_path is a small helper for outputting a path name,
// complete with a link to that path:
//
struct split_path
{
 const fs::path& root;
 const fs::path& file;
 split_path(const fs::path& r, const fs::path& f)
 : root(r), file(f){}
private:
 split_path& operator=(const split_path&);
};

std::ostream& operator << (std::ostream& os, const split_path& p)
{
 os << "<a href=\"" << (p.root / p.file).string() << "\">" << p.file.string() << "";
 return os;
}

std::string
make_link_target(const std::string& s)
{
 // convert an arbitrary string into something suitable
 // for an <a> name:
 std::string result;
 for(unsigned i = 0; i < s.size(); ++i)
 {
 result.append(1, static_cast<std::string::value_type>(std::isalnum(s[i]) ? s[i] : '_'));
 }
 return result;
}

void bcp_implementation::output_license_info()
{
 std::pair<const license_info*, int> licenses = get_licenses();

```

```

std::map<int, license_data>::const_iterator i, j;
i = m_license_data.begin();
j = m_license_data.end();

std::ofstream os(m_dest_path.string().c_str());
if(!os)
{
 std::string msg("Error opening ");
 msg += m_dest_path.string();
 msg += " for output.";
 std::runtime_error e(msg);
 boost::throw_exception(e);
}
os <<
 "<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">\n"
 "<html>\n"
 "<head>\n"
 "<title>Boost Licence Dependency Information";
if(m_module_list.size() == 1)
{
 os << " for " << *(m_module_list.begin());
}
os <<
 "</title>\n"
 "</head>\n"
 "<body>\n"
 "<H1>Boost Licence Dependency Information";
if(m_module_list.size() == 1)
{
 os << " for " << *(m_module_list.begin());
}
os <<
 "</H1>\n"
 "<H2>Contents</h2>\n"
 "<pre>Input Information\n";
if(!m_bsl_summary_mode)
 os << "Licence Summary\n";
os << "Licence Details\n";

while(i != j)
{
 // title:
 os << " <A href=\"#\" << make_link_target(licenses.first[i->first].license_name)
 << "\">" << licenses.first[i->first].license_name << "\n";
 ++i;
}

```

```

os << "Files with no recognised license\n"
 "Files with no recognised copyright holder\n";
if(!m_bsl_summary_mode)
{
 os <<
 "Moving to the Boost Software License...\n"
 " Files
that can be automatically converted to the Boost Software License\n"
 " Files that can be manually converted to the Boost Software License\n"
 " Files that can NOT be moved to the Boost Software License\n"
 " Authors we need to move to the Boost Software License\n"
 "Copyright Holder Information\n";
}
os <<
 "File Dependency Information\n"
 "</pre>";

//
// input Information:
//
os << "<h2>Input Information</h2>\n";
if(m_scan_mode)
 os << "<P>The following files were scanned for boost dependencies:
";
else
 os << "<P>The following Boost modules were checked:
";

std::list<std::string>::const_iterator si = m_module_list.begin();
std::list<std::string>::const_iterator sj = m_module_list.end();
while(si != sj)
{
 os
 << *si << "
";
 ++si;
}
os << "</p><p>The Boost path was: <code>" << m_boost_path.string() << "</code></P>";
//
// extract the boost version number from the boost directory tree,
// not from this app (which may have been built from a previous
// version):
//
fileview version_file(m_boost_path / "boost/version.hpp");
static const boost::regex version_regex(
 "^[[:blank:]]*#[[:blank:]]*define[[:blank:]]+BOOST_VERSION[[:blank:]]+(\\d+)");
boost::cmatch what;
if(boost::regex_search(version_file.begin(), version_file.end(), what, version_regex))
{
 int version = boost::lexical_cast<int>(what.str(1));
 os << "<p>The Boost version is: " << version / 100000 << "." << version / 100 % 1000 << "." << version % 100

```

```

<< "</P>\n";
}

//
// output each license:
//
i = m_license_data.begin();
j = m_license_data.end();
if(!m_bsl_summary_mode)
{
 //
 // start with the summary:
 //
 os << "<h2>Licence
Summary</h2>\n";
 while(i != j)
 {
 // title:
 os <<
 "<H3>" << licenses.first[i->first].license_name << "</H3>\n";
 // license text:
 os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
 // Copyright holders:
 os << "<P>This license is used by " << i->second.authors.size()
 << " authors and " << i->second.files.size()
 << " files <a href=\"#\" << make_link_target(licenses.first[i->first].license_name) << "\">(see details)";
 os << "</P></BLOCKQUOTE>\n";
 ++i;
 }
}
//
// and now the details:
//
i = m_license_data.begin();
j = m_license_data.end();
int license_index = 0;
os << "<h2>Licence Details</h2>\n";
while(i != j)
{
 // title:
 os <<
 "<H3><A name=\"" << make_link_target(licenses.first[i->first].license_name)
 << "\">" << licenses.first[i->first].license_name
<< "</H3>\n";
 // license text:
 os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
 if(!m_bsl_summary_mode || (license_index >= 3))
 {

```



```

// Copyright holders:
os << "<P>This license is used by the following " << i->second.authors.size() << " copyright
holders:</P>\n<BLOCKQUOTE><P>";
std::set<std::string>::const_iterator x, y;
x = i->second.authors.begin();
y = i->second.authors.end();
while(x != y)
{
 os << *x << "
\n";
 ++x;
}
os << "</P></BLOCKQUOTE>\n";
// Files using this license:
os << "<P>This license applies to the following " << i->second.files.size() << "
files:</P>\n<BLOCKQUOTE><P>";
std::set<fs::path, path_less>::const_iterator m, n;
m = i->second.files.begin();
n = i->second.files.end();
while(m != n)
{
 os << split_path(m_boost_path,
*m) << "
\n";
 ++m;
}
os << "</P></BLOCKQUOTE>\n";
}
else
{
 os << "<P>This license is used by " << i->second.authors.size() << " authors (list omitted for brevity).</P>\n";
 os << "<P>This license applies to " << i->second.files.size() << " files (list omitted for brevity).</P>\n";
}
++license_index;
++i;
}
//
// Output list of files not found to be under license control:
//
os << "<h2>Files With No Recognisable Licence</h2>\n"
"<P>The following " << m_unknown_licenses.size() << " files had no recognisable license
information:</P><BLOCKQUOTE><P>\n";
std::set<fs::path, path_less>::const_iterator i2, j2;
i2 = m_unknown_licenses.begin();
j2 = m_unknown_licenses.end();
while(i2 != j2)
{
 os << split_path(m_boost_path, *i2) << "
\n";
 ++i2;
}

```

```

os << "</p></BLOCKQUOTE>";
//
// Output list of files with no found
copyright holder:
//
os << "<h2>Files With No Recognisable Copyright Holder</h2>\n"
 "<P>The following " << m_unknown_authors.size() << " files had no recognisable copyright
holder:</P>\n<BLOCKQUOTE><P>";
i2 = m_unknown_authors.begin();
j2 = m_unknown_authors.end();
while(i2 != j2)
{
 os << split_path(m_boost_path, *i2) << "
\n";
 ++i2;
}
os << "</p></BLOCKQUOTE>";
if(!m_bsl_summary_mode)
{
 //
 // Output list of files that have been moved over to the Boost
 // Software License, along with enough information for human
 // verification.
 //
 os << "<h2>Files that can be automatically converted to the Boost Software
License</h2>\n"
 << "<P>The following " << m_converted_to_bsl.size() << " files can be automatically converted to the Boost
Software License, but require manual verification before they can be committed to CVS:</P>\n";
 if (!m_converted_to_bsl.empty())

 {
 typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
 ::const_iterator conv_iterator;
 conv_iterator i = m_converted_to_bsl.begin(),
 ie = m_converted_to_bsl.end();
 int file_num = 1;
 while (i != ie)
 {
 os << "<P>[" << file_num << "] File: <tt>" << split_path(m_boost_path, i->first)
 << "</tt>
\n<table border=\"1\">\n <tr>\n <td><pre>"
 << i->second.first << "</pre></td>\n <td><pre>"
 << i->second.second << "</pre></td>\n </tr>\n</table>\n";
 ++i;
 ++file_num;
 }
 }
}
//
// Output list of files that could be moved over to the Boost Software License
//

```

```

os << "<h2>Files that could be converted to the Boost Software License</h2>\n"
"<P>The following " << m_can_migrate_to_bsl.size() << " files could be manually
converted to the Boost Software License, but have not yet been:</P>\n<BLOCKQUOTE><P>";
i2 = m_can_migrate_to_bsl.begin();
j2 = m_can_migrate_to_bsl.end();
while(i2 != j2)
{
os << split_path(m_boost_path, *i2) << "
\n";
++i2;
}
os << "</p></BLOCKQUOTE>";
//
// Output list of files that can not be moved over to the Boost Software License
//
os << "<h2>Files that can NOT be converted to the Boost Software
License</h2>\n"
"<P>The following " << m_cannot_migrate_to_bsl.size() << " files cannot be converted to the Boost Software
License because we need the permission of more authors:</P>\n<BLOCKQUOTE><P>";
i2 = m_cannot_migrate_to_bsl.begin();
j2 = m_cannot_migrate_to_bsl.end();
while(i2 != j2)
{
os << split_path(m_boost_path, *i2) << "
\n";
++i2;
}
os << "</p></BLOCKQUOTE>";
//
// Output list of authors that
we need permission for to move to the BSL
//
os << "<h2>Authors we need for the BSL</h2>\n"
"<P>Permission of the following authors is needed before we can convert to the Boost Software License. The
list of authors that have given their permission is contained in <code>more/blanket-
permission.txt</code>.</P>\n<BLOCKQUOTE><P>";
std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
std::ostream_iterator<std::string>(os, "
\n"));
os << "</p></BLOCKQUOTE>";
//
// output a table of copyright information:
//
os << "<H2>Copyright Holder Information</H2><table border=\"1\">\n";
std::map<std::string, std::set<fs::path, path_less> >::const_iterator ad, ead;
ad = m_author_data.begin();
ead = m_author_data.end();
while(ad != ead)
{
os << "<tr><td>" << ad->first << "</td><td>";
std::set<fs::path,

```

```

path_less>::const_iterator fi, efi;
 fi = ad->second.begin();
 efi = ad->second.end();
 while(fi != efi)
 {
 os << split_path(m_boost_path, *fi) << " ";
 ++fi;
 }
 os << "</td></tr>\n";
 ++ad;
}
os << "</table>\n";
}

//
// output file dependency information:
//
os << "<H2>File Dependency Information</H2><BLOCKQUOTE><pre>\n";
std::map<fs::path, fs::path, path_less>::const_iterator dep, last_dep;
std::set<fs::path, path_less>::const_iterator fi, efi;
fi = m_copy_paths.begin();
efi = m_copy_paths.end();
// if in summary mode, just figure out the "bad" files and print those only:
std::set<fs::path, path_less> bad_paths;
if(m_bsl_summary_mode)
{
 bad_paths.insert(m_unknown_licenses.begin(), m_unknown_licenses.end());
 bad_paths.insert(m_unknown_authors.begin(), m_unknown_authors.end());
 bad_paths.insert(m_can_migrate_to_bsl.begin(),
m_can_migrate_to_bsl.end());
 bad_paths.insert(m_cannot_migrate_to_bsl.begin(), m_cannot_migrate_to_bsl.end());
 typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
 ::const_iterator conv_iterator;
 conv_iterator i = m_converted_to_bsl.begin(),
 ie = m_converted_to_bsl.end();
 while(i != ie)
 {
 bad_paths.insert(i->first);
 ++i;
 }
 fi = bad_paths.begin();
 efi = bad_paths.end();
 os << "<P>For brevity, only files not under the BSL are shown</P>\n";
}
while(fi != efi)
{
 os << split_path(m_boost_path, *fi);
 dep = m_dependencies.find(*fi);

```

```

last_dep = m_dependencies.end();
std::set<fs::path, path_less> seen_deps;
if (dep != last_dep)
while(true)
{
os << " -> ";
if(fs::exists(m_boost_path / dep->second))
os << split_path(m_boost_path, dep->second);
else if(fs::exists(dep->second))
os << split_path(fs::path(), dep->second);
else
os << dep->second.string();
if(seen_deps.find(dep->second) != seen_deps.end())
{
os << " <I>(Circular dependency!)</I>";
break; // circular dependency!!!
}
seen_deps.insert(dep->second);
last_dep = dep;
dep = m_dependencies.find(dep->second);
if((dep == m_dependencies.end()) || (0 == compare_paths(dep->second, last_dep->second)))
break;
}
os << "\n";
++fi;
}
os << "</pre></BLOCKQUOTE>\n";

os << "</body></html>\n";

```

```

if(!os)
{
std::string msg("Error writing to ");
msg += m_dest_path.string();
msg += ".";
std::runtime_error e(msg);
boost::throw_exception(e);
}

```

```

}
[/=====
Boost.Geometry (aka GGL, Generic Geometry Library)

```

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# 1.390 audit 2.8.4-4.el7

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```

```
import * as try_syntax from "./try_syntax";
import extend from "./extend";
```

```
const main = async () => {
 // Init try syntax filter.
 if (process.env.TC_PROJECT == "nss-try") {
 await try_syntax.initFilter();
 }
}
```

```
// Extend the task graph.
await extend();
};
```

```
main().catch(err => {
 console.error(err);
 process.exit(1);
});
```

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## 1.399 pjnath 1.8.1

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\* /opt/cola/permits/1606729853\_1681993835.6041217/0/pjnath-zip/pjnath/docs/doc\_samples.h  
\* /opt/cola/permits/1606729853\_1681993835.6041217/0/pjnath-zip/pjnath/docs/doc\_turn.h  
\*  
/opt/cola/permits/1606729853\_1681993835.6041217/0/pjnath-zip/pjnath/docs/doc\_stun.h  
\* /opt/cola/permits/1606729853\_1681993835.6041217/0/pjnath-zip/pjnath/docs/doc\_ice.h  
\* /opt/cola/permits/1606729853\_1681993835.6041217/0/pjnath-zip/pjnath/docs/doc\_mainpage.h  
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Found in path(s):

\* /opt/cola/permits/1606729853\_1681993835.6041217/0/pjnath-zip/pjnath/src/pjnath/turn\_sock.c  
\*  
/opt/cola/permits/1606729853\_1681993835.6041217/0/pjnath-zip/pjnath/src/pjturn-srv/allocation.c  
\* /opt/cola/permits/1606729853\_1681993835.6041217/0/pjnath-zip/pjnath/src/pjnath-test/stun\_sock\_test.c



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* /opt/cola/permits/1606729853_1681993835.6041217/0/pjnath-zip/pjnath/src/pjnath/ice_session.c
* /opt/cola/permits/1606729853_1681993835.6041217/0/pjnath-zip/pjnath/src/pjnath/stun_msg_dump.c
* /opt/cola/permits/1606729853_1681993835.6041217/0/pjnath-zip/pjnath/src/pjturn-srv/auth.c
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* /opt/cola/permits/1606729853_1681993835.6041217/0/pjnath-zip/pjnath/src/pjnath/nat_detect.c
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*
/opt/cola/permits/1606729853_1681993835.6041217/0/pjnath-zip/pjnath/src/pjnath-test/stun.c
* /opt/cola/permits/1606729853_1681993835.6041217/0/pjnath-zip/pjnath/src/pjnath-test/turn_sock_test.c
* /opt/cola/permits/1606729853_1681993835.6041217/0/pjnath-zip/pjnath/src/pjnath/stun_auth.c

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# 1.400 also 1.0.13

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## 1.402 pjsip 1.8.10

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 * PortAudio API Header File
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 *
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>>>>>>

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## 1.403 wide-dhcpv6 1.0.0

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K 14

svn:executable

V 1

\*

END

# 1.404 util-linux 2011.09

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NR START END SECTORS SIZE NAME UUID

|   |       |       |      |      |             |
|---|-------|-------|------|------|-------------|
| 1 | 32    | 7679  | 7648 | 3.7M | 8f8378c0-01 |
| 2 | 7680  | 16383 | 8704 | 4.3M | 8f8378c0-02 |
| 5 | 7936  | 12799 | 4864 | 2.4M |             |
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THE BASIC LIBRARY FUNCTIONS

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