



Open Source Used In Connected Mobile Experiences (CMX), Cisco Release 10.6, Version 1.0

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`src/test/resources/CSVFileParser/bom.csv`

`src/test/resources/CSVFileParser/test.csv`

`src/test/resources/CSVFileParser/test_default.txt`

`src/test/resources/CSVFileParser/test_default_comment.txt`

`src/test/resources/CSVFileParser/test_rfc4180.txt`

`src/test/resources/CSVFileParser/test_rfc4180_trim.txt`

`src/test/resources/CSVFileParser/testCSV85.csv`

`src/test/resources/CSVFileParser/testCSV85_default.txt`

`src/test/resources/CSVFileParser/testCSV85_ignoreEmpty.txt`

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1.11 argparse 1.3.0

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argparse is (c) 2006-2009 Steven J. Bethard <steven.bethard@gmail.com>.

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History

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After argparse 1.1, all project files from the argparse project were deleted due to license compatibility issues between Apache License 2.0 and GNU GPL v2.

The project repository then had a clean start with some files taken from Python 2.7.1, so definitely all files are under Python License now.

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
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1.18 bind-utils 9.8.2 :0.17.rc1.el6_4.4

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-->

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

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

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

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

<xsl:param name="text"/>

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

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

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

```

<xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
<xsl:if test="translate($rest, '&#9;&#32;', '')">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text" select="$rest"/>
  </xsl:call-template>
</xsl:if>
</xsl:template>

```

```

<xsl:variable name="isc.copyright.text">
  <xsl:text>
    Permission to use, copy, modify, and/or distribute this software for any
    purpose with or without fee is hereby granted, provided that the above
    copyright notice and this permission notice appear in all copies.
  </xsl:text>

```

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```

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

```

```

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

```

```

</xsl:stylesheet>

```

```

<!--
- Local variables:
- mode: sgml
- End:

```

-->

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

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

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

Author: Julio Merino <jmmv@NetBSD.org>

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

Author: Julio Merino <jmmv84@gmail.com>

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

Author: Julio Merino <jmmv84@gmail.com>

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

1.19 bootstrap 3.1.1 :3.1.1

1.19.1 Available under license :

/*!

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1.20 bootstrap-datetimepicker 3.1.2

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1.21 bootstrap-multiselect 0.9.10

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1.22 bootstrap-select 1.5.4

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1.23 bootstrap-switch 3.0

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1.24 bootstrap-tour 0.10.1

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1.25 Bouncy Castle Provider 1.50

1.26 browser.js 0.7.2

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1.28 cassandra-driver-core 2.1.5

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Name: cloud-init

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

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

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1.41 commons-codec 1.6

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`src/test/resources/CSVFileParser/test_rfc4180_trim.txt`

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1.56 DataTables 1.10.4

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#
# Please send patches with a ChangeLog entry to config-patches@gnu.org.
#
# Configuration subroutine to validate and canonicalize a configuration type.
```



```
# Supply the specified configuration type as an argument.
# If it is invalid, we print an error message on stderr and exit with code 1.
# Otherwise, we print the canonical config type on stdout and succeed.

# You can get the latest version of this script from:
# http://git.savannah.gnu.org/gitweb/?p=config.git;a=blob_plain;f=config.sub;hb=HEAD
```

1.58 dmidcode 2.12

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1.60 domReady.js 2.0.1

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```

```
import org.ejml.data.DenseMatrix64F;
```

```
import java.util.Arrays;
```

```
import java.util.Comparator;
```

```
/**
```

```
 * Various functions that are useful but don't have a clear location that they belong in.
```

```
 *
```

```
 * @author Peter Abeles
```

```
 */
```

```
public class UtilEjml {
```



```

/**
 * Version string used to indicate which version of EJML is being used.
 */
public static String VERSION = "0.24";

/**
 * Default tolerance.
 */
public static double TOLERANCE = 1e-8;

public static double EPS = Math.pow(2,-52);

public static boolean isUncountable( double val ) {
    return Double.isNaN(val) || Double.isInfinite(val);
}

public static void memset( double[] data , double val ) {
    for( int i = 0; i < data.length; i++ ) {
        data[i] = val;
    }
}

public static void memset( double[] data , double val , int length ) {
    for( int i = 0; i < length; i++ ) {
        data[i] = val;
    }
}

public static void memset( int[] data , int val , int length ) {
    for( int i = 0; i < length; i++ ) {
        data[i] = val;
    }
}

public static <T> void setnull( T[] array ) {
    for( int i = 0; i < array.length; i++ ) {
        array[i] = null;
    }
}

public static double max( double array[], int start , int length ) {
    double max = array[start];
    final int end = start+length;

    for( int i = start+1; i < end; i++ ) {
        double v = array[i];
        if( v > max ) {

```

```

        max = v;
    }
}

return max;
}

/**
 * Give a string of numbers it returns a DenseMatrix
 */
public static DenseMatrix64F parseMatrix( String s , int numColumns )
{
    String []vals = s.split("\\s+");

    // there is the possibility the first element could be empty
    int start = vals[0].isEmpty() ? 1 : 0;

    // covert it from string to doubles
    int numRows = (vals.length-start) / numColumns;

    DenseMatrix64F ret = new DenseMatrix64F(numRows,numColumns);

    int index = start;
    for( int i = 0; i < numRows; i++ ) {
        for( int j = 0; j < numColumns; j++ ) {
            ret.set(i,j, Double.parseDouble(vals[ index++ ]));
        }
    }

    return ret;
}

public static Integer[] sortByIndex( final double []data , int size ) {
    Integer[] idx = new Integer[size];
    for( int i = 0; i < size; i++ ) {
        idx[i] = i;
    }

    Arrays.sort(idx, new Comparator<Integer>() {
        @Override public int compare(final Integer o1, final Integer o2) {
            return Double.compare(data[o1], data[o2]);
        }
    });

    return idx;
}
}

```

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<body>

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Efficient Java Matrix Library (EJML) is a linear algebra library for manipulating dense matrices. Its design goals are; 1) to be as computationally efficient as possible for both small and large matrices, and 2) to be accessible to both novices and experts. These goals are accomplished by dynamically selecting the best algorithms to use at runtime and by designing a clean API. EJML is free, written in 100% Java and has been released under an LGPL license.

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Version 3, 29 June 2007

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```
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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.)

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Version 2.1, February 1999

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Version 2.1, February 1999

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@c Set file name and title for man page.

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@settitle GNU General Public License

@c man begin SEEALSO

gfdl(7), fsf-funding(7).

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@node Copying
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@heading END OF TERMS AND CONDITIONS
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@ifnottex
@center END OF TERMS AND CONDITIONS
@end ifnottex

@page
@unnumberedsec Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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.}

Copyright (C) @var{year} @var{name of author}

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

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You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA
@end smallexample

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:

```
@smallexample
Gnomovision version 69, Copyright (C) @var{year} @var{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.
@end smallexample
```

The hypothetical commands @samp{show w} and @samp{show c} should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than @samp{show w} and @samp{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:

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

```
@var{signature of Ty Coon}, 1 April 1989
Ty Coon, President of Vice
@end example
```


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@c man end

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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When you use GCC to compile a program, GCC may combine portions of certain GCC header files and runtime libraries with the compiled program. The purpose of this Exception is to allow compilation of non-GPL (including proprietary) programs to use, in this way, the header files and runtime libraries covered by this Exception.

0. Definitions.

A file is an "Independent Module" if it either requires the Runtime Library for execution after a Compilation Process, or makes use of an interface provided by the Runtime Library, but is not otherwise based on the Runtime Library.

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for producing a compiler intermediate representation.

The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine byte code, into Target Code. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.

A Compilation Process is "Eligible" if it is done using GCC, alone or with other GPL-compatible software, or if it is done without using any work based on GCC. For example, using non-GPL-compatible Software to optimize any GCC intermediate representations would not qualify as an Eligible Compilation Process.

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2. No Weakening of GCC Copyleft.

The availability of this Exception does not imply any general presumption that third-party software is unaffected by the copyleft requirements of the license of GCC.

@node Library Copying

@appendixsec GNU LESSER GENERAL PUBLIC LICENSE

@cindex LGPL, Lesser General Public License

@center Version 2.1, February 1999

@display

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@end display

@appendixsubsec Preamble

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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

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We call this license the @dfn{Lesser} General Public License because it does @emph{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.

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@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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@ifinfo

@center GNU LESSER GENERAL PUBLIC LICENSE

@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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@item

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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.)

@end enumerate

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

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

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@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.

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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.

@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.

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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

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@page

@appendixsubsec How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

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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Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301,
USA.

@end smallexample

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You should also get your employer (if you work as a programmer) or your
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necessary. Here is a sample; alter the names:

@smallexample

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

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

Ty Coon, President of Vice

@end smallexample

That's all there is to it!

1.75 gdal 1.9.2

1.75.1 Available under license :

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=====

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gdal/frmts/gtiff/tif_float.c

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gdal/frmts/hdf4/hdf-eos/*

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gdal/frmts/pcraster/libcsf

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gdal/ogr/ogrsf_frmts/dxf/intronurbs.cpp

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1.76 gdal_scripts 1.9.2

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1.78 gevent 0.13.8

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1.79 git 1.8.4.3

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18.0

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

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

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1.87 haproxy 1.5.3-1 :2014/07/25

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Historically, haproxy has been covered by GPL version 2. However, an issue appeared in GPL which will prevent external non-GPL code from being built

using the headers provided with haproxy. My long-term goal is to build a core system able to load external modules to support specific application protocols.

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

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

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Willy Tarreau - w@lwt.eu

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//

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// Extensions for Protocol Buffers to create more go like structures.

//

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1.103 influxdb 1.2.4

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1.104 influxdb-java 1.5

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1.105 iodocs 0.0.1

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* jQuery Templates Plugin 1.0.0pre

* <http://github.com/jquery/jquery-tmpl>

* Requires jQuery 1.4.2

*

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1.106 iotop 0.3.2 :7.el6

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1.107 ipmitool 1.8.11 :16.e15

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# Based on skeleton.compat example script
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scriptversion=2005-02-02.21

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1.113 jackson-core 2.4.3

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1.114 jackson-core 2.4.6

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1.119 jackson-jaxrs-xml-provider 2.4.3

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1.121 jackson-module-jsonSchema 2.4.3

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1.122 jade 1.9.1

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1.123 jade (pug) 1.9.2

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4.2 :4

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1.134 Jedis 2.4.4-hyperloglog

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/**
 * Utf8 Appendable abstract base class
 *
 * This abstract class wraps a standard { @link java.lang.Appendable } and provides methods to append UTF-8
 encoded bytes, that are converted into characters.
 *
 * This class is stateful and up to 4 calls to { @link #append\(byte\) } may be needed before state a character is
 appended to the string buffer.
 *
 * The UTF-8 decoding is done by this class and no additional buffers or Readers are used. The UTF-8 code was
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1.162 joda-time 2.2

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1.170 jQuery.FixClick 1.2

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1.171 jQuery.shapeshift 2

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1.172 jQuery.textEditor 1.4.0

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1.173 jQuery.transit 0.9.9

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1.174 jquery.validate 1.14.0

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1.175 json-c 0.11

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1.176 json-smart 1.1.1

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1.177 jtoml 1.0.0

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1.178 jul-to-slf4j 1.7.7

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1.181 Junit 4.10

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1.182 jzmq 2.2.2 :February 16, 2013

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```
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```

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```
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```

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```
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`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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```
Jan Holmberg, <jan@artech.net> :
o Memory framework
o HTTP/SSL checkers
```

```
Bradley Baetz, <bradley.baetz@optusnet.com.au> :
o MISC checker redesign
o Scheduler framework extension to support
  child process handling.
o Daemon framework extension to block SIGCHLD
  to only receive it when its unblocked in the
  scheduling select loop.
```

```
Jeremy Rumpf, <rumpf.6@osu.edu> :
o Added SMTP checker
```

Chris Caputo, <ccaputo@alt.net> :

- o Added dont_track_primary, nopreempt, preempt_delay, and misc_dynamic.

Kevin Lindsay, <kevinl@netnation.com> :

- o Fixed shadowed declaration reported by -Wshadow.
- o Redesigned signal handling.

Nick Couchman, <nick.couchman at seekr.com> :

- o Patch for u_threshold and l_threshold support.

Willy Tarreau, <w at 1wt.eu> :

- o Extended VRRP framework to support floating priority.

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1.184 libsvm 3.17

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1.185 libtalloc 2.0.7 :2.el6

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1.187 log4j-api 2.0.1

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<snip>

1.188 log4j-core 2.0.1

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1.195 metrics-json 3.0.1

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1.196 metrics-servlets 3.0.1

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1.197 mibble-mibs 2.7.1

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1.198 mibble-parser 2.7.1

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1.209 nltk 3.0.4

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1.210 node-formidable 1.0.14

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1.211 node-redis 0.8.6

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1.212 nodejs 6.10.3

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wewidth.js: JavaScript Porting of Markus Kuhn's wewidth() Implementation
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*/

// Original can be found at:

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

// Modifications by Joshua Bell inexorable@lindenlab.com

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

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

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

// Date: 2011-02-01

//

// Variations:

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

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

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*/

// Original can be found at:

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

// Modifications by Joshua Bell inexorabletash@gmail.com

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

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

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

// Date: 2011-02-01

//

// Variations:

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

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validate-npm-package-license

=====

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

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

SPDX license identifiers are valid license strings:

```
```javascript

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

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

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

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

SPDX expressions are valid, too ...

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

... except if they contain `LicenseRef`:

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

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

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

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

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

```

);

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

```

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

```

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

```

```

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

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

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

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

```

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

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

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

```
---
```

```
---
```

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```
# spdx-license-ids
```

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

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

```
## Use as a JavaScript Library
```

```
[![NPM version](https://img.shields.io/npm/v/spdx-license-ids)](https://www.npmjs.org/package/spdx-license-ids)
```

```
[![Bower version](https://img.shields.io/bower/v/spdx-license-ids)](https://github.com/shinnn/spdx-license-ids/releases)
```

```
[![Build Status](https://travis-ci.org/shinnn/spdx-license-ids.svg?branch=master)](https://travis-ci.org/shinnn/spdx-license-ids)
```

```
[![Coverage Status](https://img.shields.io/coveralls/shinnn/spdx-license-ids)](https://coveralls.io/r/shinnn/spdx-license-ids)
```

```
[![devDependency Status](https://david-dm.org/shinnn/spdx-license-ids/dev-status.svg)](https://david-dm.org/shinnn/spdx-license-ids#info=devDependencies)
```

```
### Installation
```

```
#### Package managers
```

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

```
```sh
```

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

```
```
```

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

```
```sh
```

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

```
```
```

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

```
```javascript
```

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

```
```
```

```
#### Standalone
```

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

```
### API
```

```
#### spdxLicenseIds
```

Type: `Array` of `String`

It returns an array of SPDX license identifiers.

```
```javascript
```

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

```
```
```

```
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```

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```
```javascript
var correct = require('spdx-correct');
var assert = require('assert');

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

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

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

SPDX:Apache-2.0

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```

Version 2.0, January 2004

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"""

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

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

```
#ifndef UV_BSD_H
```

```
#define UV_BSD_H
```

```
#define UV_PLATFORM_FS_EVENT_FIELDS
```

```
uv__io_t event_watcher;
```

```
#define UV_IO_PRIVATE_PLATFORM_FIELDS
```

```
int rcount;
```

```
int wcount;
```

```
#define UV_HAVE_KQUEUE 1
```

```
#endif /* UV_BSD_H */
```

```
{
```

```
  "_args": [
```

```
    [
```

```
      "spdx-license-ids@^1.0.0",
```

```
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-parse"
```



```

    ],
    [
      "spdx-license-ids@^1.0.2",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct"
    ]
  ],
  "_from": "spdx-license-ids@>=1.0.0 <2.0.0",
  "_id": "spdx-license-ids@1.2.0",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-expression-parse/spdx-license-ids",
  "_nodeVersion": "5.4.0",
  "_npmUser": {
    "email": "snnskwtnb@gmail.com",
    "name": "shinnn"
  },
  "_npmVersion": "3.5.2",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-license-ids",
    "raw": "spdx-license-ids@^1.0.0",
    "rawSpec": "^1.0.0",
    "scope": null,
    "spec": ">=1.0.0 <2.0.0",
    "type": "range"
  },
  "_requiredBy": [
    "/validate-npm-package-license/spdx-expression-parse"
  ],
  "_shrinkwrap": null,
  "_spec": "spdx-license-ids@^1.0.0",
  "_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-
  parse",
  "author": {
    "name": "Shinnosuke Watanabe",
    "url": "https://github.com/shinnn"
  },
  "bugs": {
    "url": "https://github.com/shinnn/spdx-license-ids/issues"
  },
  "dependencies": {},
  "description": "A list of SPDX license identifiers",
  "devDependencies": {
    "@shinnc/eslintc": "^1.0.0",
    "each-async": "^1.1.1",
    "eslint": "^0.24.0",
    "got": "^3.3.0",
    "istanbul": "^0.3.17",

```

```

"require-bower-files": "^2.0.0",
"rimraf": "^2.4.1",
"stringify-object": "^2.2.0",
"tape": "^4.0.0"
},
"directories": {},
"dist": {
  "shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
  "tarball": "http://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz"
},
"files": [
  "spdx-license-ids.json"
],
"gitHead": "f74a7a16ca05540e0e97f1bbb61da07829b5d9ab",
"homepage": "https://github.com/shinmn/spdx-license-ids#readme",
"keywords": [
  "array",
  "browser",
  "client-side",
  "id",
  "identifier",
  "identifiers",
  "json",
  "license",
  "licenses",
  "oss",
  "spdx"
],
"license": "Unlicense",
"main": "spdx-license-ids.json",
"maintainers": [
  {
    "name": "shinmn",
    "email": "snnskwtb@gmail.com"
  }
],
"name": "spdx-license-ids",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/shinmn/spdx-license-ids.git"
},
"scripts": {
  "build": "node --harmony_arrow_functions build.js",
  "coverage": "node --harmony_arrow_functions node_modules/.bin/istanbul cover test.js",
  "coveralls": "${npm_package_scripts_coverage} && istanbul-coveralls",
  "lint": "eslint --config node_modules/@shinmn/eslintrc/rc.json --ignore-path .gitignore ."
}

```

```
"pretest": "${npm_package_scripts_build} && ${npm_package_scripts_lint}",
"test": "node --harmony_arrow_functions test.js"
},
"version": "1.2.0"
}
[
"Glide",
"Abstyles",
"AFL-1.1",
"AFL-1.2",
"AFL-2.0",
"AFL-2.1",
"AFL-3.0",
"AMPAS",
"APL-1.0",
"Adobe-Glyph",
"APAFML",
"Adobe-2006",
"AGPL-1.0",
"Afmparse",
"Aladdin",
"ADSL",
"AMDPLPA",
"ANTLR-PD",
"Apache-1.0",
"Apache-1.1",
"Apache-2.0",
"AML",
"APSL-1.0",
"APSL-1.1",
"APSL-1.2",
"APSL-2.0",
"Artistic-1.0",
"Artistic-1.0-Perl",
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    ]
  ],
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    "name": "kemitchell"
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```

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  "_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-
  parse",
  "author": {
    "name": "The Linux Foundation"
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  "bugs": {
    "url": "https://github.com/kemitchell/spdx-exceptions.json/issues"
  },
  "contributors": [
    {
      "name": "Kyle E. Mitchell",
      "email": "kyle@kemitchell.com",
      "url": "https://kemitchell.com/"
    }
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  "devDependencies": {},
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    "tarball": "http://registry.npmjs.org/spdx-exceptions/-/spdx-exceptions-1.0.4.tgz"
  },
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  "homepage": "https://github.com/kemitchell/spdx-exceptions.json#readme",
  "license": "CC-BY-3.0",
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      "email": "kyle@kemitchell.com"
    }
  ],
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  "optionalDependencies": {},
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    "url": "git+https://github.com/kemitchell/spdx-exceptions.json.git"
  },
  "scripts": {},
  "version": "1.0.4"
}
var parser = require('./parser.generated.js').parser

module.exports = function(argument) {
  return parser.parse(argument) }
var spdxparse=function(){var o=function(k,v,o,l){for(o=o||{ },l=k.length;l--;o[k[l]]=v);return
o,$V0=[1,5],$V1=[1,6],$V2=[1,7],$V3=[1,4],$V4=[1,9],$V5=[1,10],$V6=[5,14,15,17],$V7=[5,12,14,15,17];var

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

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1].range[1]]r=this.performAction.apply(yyval,[yytext,yyleng,yylineno,sharedState.yy,action[1],vstack,lstack].concat(args));if(typeof r!="undefined"){return r}if(len){stack=stack.slice(0,-1*len*2);vstack=vstack.slice(0,-1*len);lstack=lstack.slice(0,-1*len)}stack.push(this.productions_[action[1]][0]);vstack.push(yyval.$);lstack.push(yyval._.$);newState=table[stack[stack.length-2]][stack[stack.length-1]];stack.push(newState);break;case 3:return true }return true } };var
lexer=function(){var lexer={EOF:1,parseError:function
parseError(str,hash){if(this.yy.parser){this.yy.parser.parseError(str,hash)}else{throw new
Error(str)}},setInput:function(input,yy){this.yy=yy||this.yy||{};this._input=input;this._more=this._backtrack=this.done=false;this.yylineno=this.yyleng=0;this.yytext=this.matched=this.match="";this.conditionStack=["INITIAL"];this.yylloc={first_line:1,first_column:0,last_line:1,last_column:0};if(this.options.ranges){this.yylloc.range=[0,0]}this.offset=0;return this},input:function(){var
ch=this._input[0];this.yytext+=ch;this.yyleng++;this.offset++;this.match+=ch;this.matched+=ch;var
lines=ch.match(/(?:\r\n?|\n).*/g);if(lines){this.yylineno++;this.yylloc.last_line++}else{this.yylloc.last_column++}if(this.options.ranges){this.yylloc.range[1]++}this._input=this._input.slice(1);return ch},unput:function(ch){var
len=ch.length;var
lines=ch.split(/(?:\r\n?|\n)/g);this._input=ch+this._input;this.yytext=this.yytext.substr(0,this.yytext.length-len);this.offset-=len;var oldLines=this.match.split(/(?:\r\n?|\n)/g);this.match=this.match.substr(0,this.match.length-1);this.matched=this.matched.substr(0,this.matched.length-1);if(lines.length-1){this.yylineno-=lines.length-1}var
r=this.yylloc.range;this.yylloc={first_line:this.yylloc.first_line,last_line:this.yylineno+1,first_column:this.yylloc.first_column,last_column:lines?(lines.length===oldLines.length?this.yylloc.first_column:0)+oldLines[oldLines.length-lines.length].length-lines[0].length:this.yylloc.first_column-len};if(this.options.ranges){this.yylloc.range=[r[0],r[0]+this.yyleng-len]}this.yyleng=this.yytext.length;return
this},more:function(){this._more=true;return
this},reject:function(){if(this.options.backtrack_lexer){this._backtrack=true}else{return this.parseError("Lexical
error on line "+(this.yylineno+1)+". You can only invoke reject() in the lexer when the lexer is of the backtracking
persuasion (options.backtrack_lexer = true).\n"+this.showPosition(),{text:"",token:null,line:this.yylineno})}return
this},less:function(n){this.unput(this.match.slice(n))},pastInput:function(){var
past=this.matched.substr(0,this.matched.length-this.match.length);return(past.length>20?"...":"""+past.substr(-20).replace(/\n/g,"")),upcomingInput:function(){var
next=this.match;if(next.length<20){next+=this._input.substr(0,20-next.length)}return(next.substr(0,20)+(next.length>20?"...":""").replace(/\n/g,"")),showPosition:function(){var
pre=this.pastInput();var c=new Array(pre.length+1).join("-");return
pre+this.upcomingInput()+"\n"+c+"^"},test_match:function(match,indexed_rule){var
token,lines,backup;if(this.options.backtrack_lexer){backup={yylineno:this.yylineno,yylloc:{first_line:this.yylloc.first_line,last_line:this.last_line,first_column:this.yylloc.first_column,last_column:this.yylloc.last_column},yytext:this.yytext,match:this.match,matches:this.matches,matched:this.matched,yyleng:this.yyleng,offset:this.offset,_more:this._more,_input:this._input,yy:this.yy,conditionStack:this.conditionStack.slice(0),done:this.done};if(this.options.ranges){backup.yylloc.range=this.yylloc.range.slice(0)}lines=match[0].match(/(?:\r\n?|\n).*/g);if(lines){this.yylineno+=lines.length}this.yylloc={first_line:this.yylloc.last_line,last_line:this.yylineno+1,first_column:this.yylloc.last_column,last_column:lines?lines[lines.length-1].length-lines[lines.length-1].match(/\r?\n?/)[0].length:this.yylloc.last_column+match[0].length};this.yytext+=match[0];this.match+=match[0];this.matches=match;this.yyleng=this.yytext.length;if(this.options.ranges){this.yylloc.range=[this.offset,this.offset+=this.yyleng]}this._more=false;this._backtrack=false;this._input=this._input.slice(match[0].length);this.matched+=match[0];token=this.performAction.call(this,this.yy,this,indexed_rule,this.conditionStack[this.conditionStack.length-1]);if(this.done&&this._input){this.done=false}if(token){return token}else if(this._backtrack){for(var k in backup){this[k]=backup[k]}return false}return false},next:function(){if(this.done){return
this.EOF}if(!this._input){this.done=true}var
token,match,tempMatch,index;if(!this._more){this.yytext="";this.match="" }var rules=this._currentRules();for(var

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i=0;i<rules.length;i++){tempMatch=this._input.match(this.rules[rules[i]]);if(tempMatch&&(!match||tempMatch[0].length>match[0].length)){match=tempMatch;index=i;if(this.options.backtrack_lexer){token=this.test_match(tempMatch,rules[i]);if(token!==false){return token}else if(this._backtrack){match=false;continue}else{return false}}else if(!this.options.flex){break}}if(match){token=this.test_match(match,rules[index]);if(token!==false){return token}return false}if(this._input==="){return this.EOF}else{return this.parseError("Lexical error on line "+(this.yylineno+1)+" . Unrecognized
text.\n"+this.showPosition(),{text:"",token:null,line:this.yylineno})}},lex:function lex(){var
r=this.next();if(r){return r}else{return this.lex()}},begin:function
begin(condition){this.conditionStack.push(condition)},popState:function popState(){var
n=this.conditionStack.length-1;if(n>0){return this.conditionStack.pop()}else{return
this.conditionStack[0]}},_currentRules:function
_currentRules(){if(this.conditionStack.length&&this.conditionStack[this.conditionStack.length-1]){return
this.conditions[this.conditionStack[this.conditionStack.length-1]].rules}else{return
this.conditions["INITIAL"].rules}},topState:function topState(n){n=this.conditionStack.length-1-
Math.abs(n|0);if(n>=0){return this.conditionStack[n]}else{return"INITIAL"}},pushState:function
pushState(condition){this.begin(condition)},stateStackSize:function stateStackSize(){return
this.conditionStack.length},options:{},performAction:function
anonymous(yy,yy_,$avoiding_name_collisions,YY_START){var
YYSTATE=YY_START;switch($avoiding_name_collisions){case 0:return 5;break;case 1:break;case 2:return
8;break;case 3:return 16;break;case 4:return 17;break;case 5:return 11;break;case 6:return 10;break;case 7:return
9;break;case 8:return 14;break;case 9:return 15;break;case 10:return 12;break;case 11:return 7;break;case 12:return
7;break;case 13:return 7;break;case 14:return 13;break;case 15:return 13;break;case 16:return 13;break;case
17:return 13;break;case 18:return 13;break;case 19:return 13;break;case 20:return 13;break;case 21:return
13;break;case 22:return 7;break;case 23:return 7;break;case 24:return 13;break;case 25:return 13;break;case
26:return 13;break;case 27:return 7;break;case 28:return 13;break;case 29:return 13;break;case 30:return
13;break;case 31:return 7;break;case 32:return 7;break;case 33:return 13;break;case 34:return 13;break;case
35:return 13;break;case 36:return 7;break;case 37:return 13;break;case 38:return 7;break;case 39:return 7;break;case
40:return 7;break;case 41:return 7;break;case 42:return 7;break;case 43:return 7;break;case 44:return 7;break;case
45:return 7;break;case 46:return 7;break;case 47:return 7;break;case 48:return 7;break;case 49:return 7;break;case
50:return 7;break;case 51:return 13;break;case 52:return 7;break;case 53:return 7;break;case 54:return 7;break;case
55:return 13;break;case 56:return 7;break;case 57:return 7;break;case 58:return 7;break;case 59:return 13;break;case
60:return 7;break;case 61:return 13;break;case 62:return 7;break;case 63:return 7;break;case 64:return 7;break;case
65:return 7;break;case 66:return 7;break;case 67:return 7;break;case 68:return 7;break;case 69:return 7;break;case
70:return 7;break;case 71:return 7;break;case 72:return 7;break;case 73:return 7;break;case 74:return 7;break;case
75:return 7;break;case 76:return 7;break;case 77:return 7;break;case 78:return 7;break;case 79:return 7;break;case
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85:return 7;break;case 86:return 7;break;case 87:return 7;break;case 88:return 7;break;case 89:return 7;break;case
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95:return 7;break;case 96:return 7;break;case 97:return 7;break;case 98:return 7;break;case 99:return 7;break;case
100:return 7;break;case 101:return 7;break;case 102:return 7;break;case 103:return 7;break;case 104:return
7;break;case 105:return 7;break;case 106:return 7;break;case 107:return 7;break;case 108:return 7;break;case
109:return 7;break;case 110:return 7;break;case 111:return 7;break;case 112:return 7;break;case 113:return
7;break;case 114:return 7;break;case 115:return 7;break;case 116:return 7;break;case 117:return 7;break;case
118:return 7;break;case 119:return 7;break;case 120:return 7;break;case 121:return 7;break;case 122:return
7;break;case 123:return 7;break;case 124:return 7;break;case 125:return 7;break;case 126:return 7;break;case
127:return 7;break;case 128:return 7;break;case 129:return 7;break;case 130:return 7;break;case 131:return
7;break;case 132:return 7;break;case 133:return 7;break;case 134:return 7;break;case 135:return 7;break;case
136:return 7;break;case 137:return 7;break;case 138:return 7;break;case 139:return 7;break;case 140:return

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7;break;case 141:return 7;break;case 142:return 7;break;case 143:return 7;break;case 144:return 7;break;case 145:return 7;break;case 146:return 7;break;case 147:return 7;break;case 148:return 7;break;case 149:return 7;break;case 150:return 7;break;case 151:return 7;break;case 152:return 7;break;case 153:return 7;break;case 154:return 7;break;case 155:return 7;break;case 156:return 7;break;case 157:return 7;break;case 158:return 7;break;case 159:return 7;break;case 160:return 7;break;case 161:return 7;break;case 162:return 7;break;case 163:return 7;break;case 164:return 7;break;case 165:return 7;break;case 166:return 7;break;case 167:return 7;break;case 168:return 7;break;case 169:return 7;break;case 170:return 7;break;case 171:return 7;break;case 172:return 7;break;case 173:return 7;break;case 174:return 7;break;case 175:return 7;break;case 176:return 7;break;case 177:return 7;break;case 178:return 7;break;case 179:return 7;break;case 180:return 7;break;case 181:return 7;break;case 182:return 7;break;case 183:return 7;break;case 184:return 7;break;case 185:return 7;break;case 186:return 7;break;case 187:return 7;break;case 188:return 7;break;case 189:return 7;break;case 190:return 7;break;case 191:return 7;break;case 192:return 7;break;case 193:return 7;break;case 194:return 7;break;case 195:return 7;break;case 196:return 7;break;case 197:return 7;break;case 198:return 7;break;case 199:return 7;break;case 200:return 7;break;case 201:return 7;break;case 202:return 7;break;case 203:return 7;break;case 204:return 7;break;case 205:return 7;break;case 206:return 7;break;case 207:return 7;break;case 208:return 7;break;case 209:return 7;break;case 210:return 7;break;case 211:return 7;break;case 212:return 7;break;case 213:return 7;break;case 214:return 7;break;case 215:return 7;break;case 216:return 7;break;case 217:return 7;break;case 218:return 7;break;case 219:return 7;break;case 220:return 7;break;case 221:return 7;break;case 222:return 7;break;case 223:return 7;break;case 224:return 7;break;case 225:return 7;break;case 226:return 7;break;case 227:return 7;break;case 228:return 7;break;case 229:return 7;break;case 230:return 7;break;case 231:return 7;break;case 232:return 7;break;case 233:return 7;break;case 234:return 7;break;case 235:return 7;break;case 236:return 7;break;case 237:return 7;break;case 238:return 7;break;case 239:return 7;break;case 240:return 7;break;case 241:return 7;break;case 242:return 7;break;case 243:return 7;break;case 244:return 7;break;case 245:return 7;break;case 246:return 7;break;case 247:return 7;break;case 248:return 7;break;case 249:return 7;break;case 250:return 7;break;case 251:return 7;break;case 252:return 7;break;case 253:return 7;break;case 254:return 7;break;case 255:return 7;break;case 256:return 7;break;case 257:return 7;break;case 258:return 7;break;case 259:return 7;break;case 260:return 7;break;case 261:return 7;break;case 262:return 7;break;case 263:return 7;break;case 264:return 7;break;case 265:return 7;break;case 266:return 7;break;case 267:return 7;break;case 268:return 7;break;case 269:return 7;break;case 270:return 7;break;case 271:return 7;break;case 272:return 7;break;case 273:return 7;break;case 274:return 7;break;case 275:return 7;break;case 276:return 7;break;case 277:return 7;break;case 278:return 7;break;case 279:return 7;break;case 280:return 7;break;case 281:return 7;break;case 282:return 7;break;case 283:return 7;break;case 284:return 7;break;case 285:return 7;break;case 286:return 7;break;case 287:return 7;break;case 288:return 7;break;case 289:return 7;break;case 290:return 7;break;case 291:return 7;break;case 292:return 7;break;case 293:return 7;break;case 294:return 7;break;case 295:return 7;break;case 296:return 7;break;case 297:return 7;break;case 298:return 7;break;case 299:return 7;break;case 300:return 7;break;case 301:return 7;break;case 302:return 7;break;case 303:return 7;break;case 304:return 7;break;case 305:return 7;break;case 306:return 7;break;case 307:return 7;break;case 308:return 7;break;case 309:return 7;break;case 310:return 7;break;case 311:return 7;break;case 312:return 7;break;case 313:return 7;break;case 314:return 7;break;case 315:return 7;break;case 316:return 7;break;case 317:return 7;break;case 318:return 7;break;case 319:return 7;break;case 320:return 7;break;case 321:return 7;break;case 322:return 7;break;case 323:return 7;break;case 324:return 7;break;case 325:return 7;break;case 326:return 7;break;case 327:return 7;break;case 328:return 7;break;case 329:return 7;break;case 330:return 7;break;case 331:return 7;break;case 332:return 7;break;case 333:return 7;break;case 334:return 7;break;case 335:return 7;break;case 336:return 7;break;case 337:return 7;break;case 338:return 7;break; 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Parser();if(typeof require!=="undefined"&&typeof
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spdxparse.parse.apply(spdxparse,arguments)};exports.main=function
commonjsMain(args){if(!args[1]){console.log("Usage: "+args[0]+" FILE");process.exit(1)}var
source=require("fs").readFileSync(require("path").normalize(args[1]),"utf8");return
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  },
  "scripts": {
    "prepublish": "node generate-parser.js | uglifyjs > parser.generated.js",
    "pretest": "npm run prepublish",
    "test": "defence -i javascript README.md | replace-require-self | node"
  },
  "version": "1.0.2"
}
{
  "_args": [
    [
      "spdx-license-ids@^1.0.2",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct"
    ]
  ],
  "_from": "spdx-license-ids@>=1.0.2 <2.0.0",
  "_id": "spdx-license-ids@1.2.0",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-correct/spdx-license-ids",
  "_nodeVersion": "5.4.0",
  "_npmUser": {
    "email": "snnskwtnb@gmail.com",
    "name": "shinnn"
  },
  "_npmVersion": "3.5.2",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-license-ids",
    "raw": "spdx-license-ids@^1.0.2",
    "rawSpec": "^1.0.2",
    "scope": null,
    "spec": ">=1.0.2 <2.0.0",

```

```

    "type": "range"
  },
  "_requiredBy": [
    "/validate-npm-package-license/spdx-correct"
  ],
  "_resolved": "https://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz",
  "_shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
  "_shrinkwrap": null,
  "_spec": "spdx-license-ids@^1.0.2",
  "_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct",
  "author": {
    "name": "Shinnosuke Watanabe",
    "url": "https://github.com/shinnn"
  },
  "bugs": {
    "url": "https://github.com/shinnn/spdx-license-ids/issues"
  },
  "dependencies": {},
  "description": "A list of SPDX license identifiers",
  "devDependencies": {
    "@shinnc/eslintc": "^1.0.0",
    "each-async": "^1.1.1",
    "eslint": "^0.24.0",
    "got": "^3.3.0",
    "istanbul": "^0.3.17",
    "require-bower-files": "^2.0.0",
    "rimraf": "^2.4.1",
    "stringify-object": "^2.2.0",
    "tape": "^4.0.0"
  },
  "directories": {},
  "dist": {
    "shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
    "tarball": "http://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz"
  },
  "files": [
    "spdx-license-ids.json"
  ],
  "gitHead": "f74a7a16ca05540e0e97f1bbb61da07829b5d9ab",
  "homepage": "https://github.com/shinnc/spdx-license-ids#readme",
  "keywords": [
    "array",
    "browser",
    "client-side",
    "id",
    "identifier",
    "identifiers",
    "json",

```

```

    "license",
    "licenses",
    "oss",
    "spdx"
  ],
  "license": "Unlicense",
  "main": "spdx-license-ids.json",
  "maintainers": [
    {
      "name": "shinnn",
      "email": "snnskwtbn@gmail.com"
    }
  ],
  "name": "spdx-license-ids",
  "optionalDependencies": {},
  "readme": "ERROR: No README data found!",
  "repository": {
    "type": "git",
    "url": "git+https://github.com/shinnn/spdx-license-ids.git"
  },
  "scripts": {
    "build": "node --harmony_arrow_functions build.js",
    "coverage": "node --harmony_arrow_functions node_modules/.bin/istanbul cover test.js",
    "coveralls": "${npm_package_scripts_coverage} && istanbul-coveralls",
    "lint": "eslint --config node_modules/@shinnn/eslintrc/rc.json --ignore-path .gitignore .",
    "pretest": "${npm_package_scripts_build} && ${npm_package_scripts_lint}",
    "test": "node --harmony_arrow_functions test.js"
  },
  "version": "1.2.0"
}
var licenseIDs = require('spdx-license-ids');

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

// Common transpositions of license identifier acronyms
var transpositions = [
  ['APGL', 'AGPL'],
  ['Gpl', 'GPL'],
  ['GLP', 'GPL'],
  ['APL', 'Apache'],
  ['ISD', 'ISC'],
  ['GLP', 'GPL'],
  ['IST', 'ISC'],
  ['Claude', 'Clause'],
  [' or later', '+'],
  [' International', ''],

```

```

['GNU', 'GPL'],
['GUN', 'GPL'],
['+', ''],
['GNU GPL', 'GPL'],
['GNU/GPL', 'GPL'],
['GNU GLP', 'GPL'],
['GNU General Public License', 'GPL'],
['Gnu public license', 'GPL'],
['GNU Public License', 'GPL'],
['GNU GENERAL PUBLIC LICENSE', 'GPL'],
['MIT', 'MIT'],
['Mozilla Public License', 'MPL'],
['WTH', 'WTF'],
['-License', '']
];

```

```

var TRANSPOSED = 0;
var CORRECT = 1;

```

```

// Simple corrections to nearly valid identifiers.

```

```

var transforms = [
  // e.g. 'mit'
  function(argument) {
    return argument.toUpperCase();
  },
  // e.g. 'MIT '
  function(argument) {
    return argument.trim();
  },
  // e.g. 'M.I.T.'
  function(argument) {
    return argument.replace(/\./g, "");
  },
  // e.g. 'Apache- 2.0'
  function(argument) {
    return argument.replace(/\s+/g, "");
  },
  // e.g. 'CC BY 4.0"
  function(argument) {
    return argument.replace(/\s+/g, '-');
  },
  // e.g. 'LGPLv2.1'
  function(argument) {
    return argument.replace('v', '-');
  },
  // e.g. 'Apache 2.0'
  function(argument) {
    return argument.replace(/,\?\s*(\d)/, '-$1');
  }
];

```

```

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

```

```

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

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

```



```

['MPL', 'MPL-2.0'],
['X11', 'X11'],
['ZLIB', 'Zlib']
];

var SUBSTRING = 0;
var IDENTIFIER = 1;

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

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

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

module.exports = function(identifier) {

```

```

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

```

```

"raw": "spdx-correct@~1.0.0",
"rawSpec": "~1.0.0",
"scope": null,
"spec": ">=1.0.0 <1.1.0",
"type": "range"
},
"_requiredBy": [
  "/validate-npm-package-license"
],
"_resolved": "https://registry.npmjs.org/spdx-correct/-/spdx-correct-1.0.2.tgz",
"_shasum": "4b3073d933ff51f3912f03ac5519498a4150db40",
"_shrinkwrap": null,
"_spec": "spdx-correct@~1.0.0",
"_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license",
"author": {
  "email": "kyle@kemitchell.com",
  "name": "Kyle E. Mitchell",
  "url": "https://kemitchell.com"
},
"bugs": {
  "url": "https://github.com/kemitchell/spdx-correct.js/issues"
},
"dependencies": {
  "spdx-license-ids": "^1.0.2"
},
"description": "correct invalid SPDX identifiers",
"devDependencies": {
  "defence-cli": "^1.0.1",
  "replace-require-self": "^1.0.0",
  "spdx-expression-parse": "^1.0.0",
  "tape": "~4.0.0"
},
"directories": {},
"dist": {
  "shasum": "4b3073d933ff51f3912f03ac5519498a4150db40",
  "tarball": "http://registry.npmjs.org/spdx-correct/-/spdx-correct-1.0.2.tgz"
},
"gitHead": "8430a3ad521e1455208db33faafcb79c7b074236",
"homepage": "https://github.com/kemitchell/spdx-correct.js#readme",
"keywords": [
  "SPDX",
  "law",
  "legal",
  "license",
  "metadata"
],
"license": "Apache-2.0",
"maintainers": [

```

```

    {
      "name": "kemitchell",
      "email": "kyle@kemitchell.com"
    },
    {
      "name": "othiym23",
      "email": "ogd@aoaioxxysz.net"
    }
  ],
  "name": "spdx-correct",
  "optionalDependencies": {},
  "readme": "ERROR: No README data found!",
  "repository": {
    "type": "git",
    "url": "git+https://github.com/kemitchell/spdx-correct.js.git"
  },
  "scripts": {
    "test": "defence README.md | replace-require-self | node && tape *.test.js"
  },
  "version": "1.0.2"
}
var parse = require('spdx-expression-parse');
var correct = require('spdx-correct');

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

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

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

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

```

```

    );
  }
}

module.exports = function(argument) {
  var ast;

  try {
    ast = parse(argument);
  } catch (e) {
    var match
    if (
      argument === 'UNLICENSED' ||
      argument === 'UNLICENCED'
    ) {
      return {
        validForOldPackages: true,
        validForNewPackages: true,
        unlicensed: true
      };
    } else if (match = fileReferenceRE.exec(argument)) {
      return {
        validForOldPackages: true,
        validForNewPackages: true,
        inFile: match[1]
      };
    } else {
      var result = {
        validForOldPackages: false,
        validForNewPackages: false,
        warnings: [genericWarning]
      };
      var corrected = correct(argument);
      if (corrected) {
        result.warnings.push(
          'license is similar to the valid expression "' + corrected + '"'
        );
      }
      return result;
    }
  }
}

if (usesLicenseRef(ast)) {
  return {
    validForNewPackages: false,
    validForOldPackages: false,
    spdx: true,
    warnings: [genericWarning]
  }
}

```

```

};
} else {
return {
  validForNewPackages: true,
  validForOldPackages: true,
  spdx: true
};
}
};
{
"name": "validate-npm-package-license",
"description": "Give me a string and I'll tell you if it's a valid npm package license string",
"version": "3.0.1",
"author": {
  "name": "Kyle E. Mitchell",
  "email": "kyle@kemitchell.com",
  "url": "https://kemitchell.com"
},
"dependencies": {
  "spdx-correct": "~1.0.0",
  "spdx-expression-parse": "~1.0.0"
},
"devDependencies": {
  "defence-cli": "^1.0.1",
  "replace-require-self": "^1.0.0"
},
"keywords": [
  "license",
  "npm",
  "package",
  "validation"
],
"license": "Apache-2.0",
"repository": {
  "type": "git",
  "url": "git+https://github.com/kemitchell/validate-npm-package-license.js.git"
},
"scripts": {
  "test": "defence README.md | replace-require-self | node"
},
"gitHead": "00200d28f9960985f221bc1a8a71e4760daf39bf",
"bugs": {
  "url": "https://github.com/kemitchell/validate-npm-package-license.js/issues"
},
"homepage": "https://github.com/kemitchell/validate-npm-package-license.js#readme",
"_id": "validate-npm-package-license@3.0.1",
"_shasum": "2804babe712ad3379459acfb24746ab2c303fbc",
"_from": "validate-npm-package-license@3.0.1",

```

```

"_npmVersion": "2.13.5",
"_nodeVersion": "0.12.7",
"_npmUser": {
  "name": "kemitchell",
  "email": "kyle@kemitchell.com"
},
"dist": {
  "shasum": "2804babe712ad3379459acfbe24746ab2c303fbc",
  "tarball": "http://registry.npmjs.org/validate-npm-package-license/-/validate-npm-package-license-3.0.1.tgz"
},
"maintainers": [
  {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  },
  {
    "name": "othiym23",
    "email": "ogd@aoaiioxxysz.net"
  }
],
"directories": {},
"_resolved": "https://registry.npmjs.org/validate-npm-package-license/-/validate-npm-package-license-3.0.1.tgz",
"readme": "ERROR: No README data found!"
}
var test = require('tap').test
var init = require('./')
var rimraf = require('rimraf')
var common = require('./lib/common')

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

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

```

```
'the-name\n',  
'\n',  
'\n',  
'\n',  
'\n',  
'\n',  
'\n',  
'\n',  
'\n',  
'Apache\n',  
'Apache-2.0\n',  
'yes\n'  
])  
})
```

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

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jpg "Clone me," says Dolly sheepishly.

Last update: 1-Jan-2011 08:34 UTC

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8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
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 35. [38]Danny Mayer <mayer@ntp.org>Network I/O, Windows Port, Code Maintenance
 36. [39]David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG
 37. [40]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port
 38. [41]Jeffrey Mogul <mogul@pa.dec.com> ntprtrace utility
 39. [42]Tom Moore <tmoore@fieval.daytonoh.ncr.com> i386 svr4 port
 40. [43]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
 41. [44]Derek Mulcahy <derek@toybox.demon.co.uk> and [45]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
 42. [46]Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
 43. [47]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de>

- monitoring/trap scripts, statistics file handling
44. [48]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
 45. [49]Wilfredo S"nchez <wsanchez@apple.com> added support for NetInfo
 46. [50]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
 47. [51]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
 48. [52]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
 49. [53]Michael Shields <shields@tembel.org> USNO clock driver
 50. [54]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
 51. [55]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
 52. [56]Kenneth Stone <ken@sdd.hp.com> HP-UX port
 53. [57]Ajit Thyagarajan <ajit@ee.udel.edu>IP multicast/anycast support
 54. [58]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp>TRAK clock driver
 55. [59]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
 56. [60]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD
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References

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Written by Tom Tromey <tromey@cygnus.com>.

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- RSA is no longer included, found in the OpenSSL library

- IDEA is no longer included, its use is deprecated
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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>
* @author Paulo Barreto <paulo.barreto@terra.com.br>
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1.222 org.eclipse.persistence.jpa 2.4.2

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1.223 org.eclipse.persistence.jpa.jpql 2.5.0

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1.224 osgi.resource.locator 1.0.1

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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.

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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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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.

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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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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)

* 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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1.234 persistence-asm 2.5.0

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

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

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

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

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

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

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

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

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

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

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1.239 pigz 2.2.5 :1.e15

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```
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```
*/
/* yarn.h -- generic interface for thread operations
 * Copyright (C) 2008, 2011 Mark Adler
 * Version 1.3 13 Jan 2012 Mark Adler
 */
```

```
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1.240 Postgres 9.6.2

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1.241 PostgreSQL 9.3.5

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1.242 postgresql 9.3-1101-jdbc41

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1.243 postgresql93 9.3.11 :1PGDG.rhel6

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1.244 protobuf-java 2.5.0

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1.245 protobuf-java 2.4.1

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1.246 psutils 1.17 :34.el6

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fixmacps.man  fixmacps.pl  fixpsditps.man fixpsditps.pl
fixpspps.man  fixpspps.pl  fixscribeps.man fixscribeps.pl
fixtpps.man   fixtpps.pl   fixwfwps.man  fixwfwps.pl
fixwpps.man   fixwpps.pl   fixwwps.man   fixwwps.pl
getafm        getafm.man   includeres.man includeres.pl
maketext      patchlev.h  psbook.c      psbook.man
pserror.c     pserror.h   psmerge.man   psmerge.pl
psnup.c       psnup.man   psresize.c    psresize.man
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rm psutils/md71_0.ps
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tar czf $archive_name psutils/
rm -r psutils/
```

1.247 psycopg2 2.5.4

1.247.1 Available under license :

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1.248 ptyprocess 0.5.1

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1.249 python 2.7.9

1.249.1 Available under license :

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software

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

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1.250 Python Enum 0.4.4

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

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

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

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

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

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|-------|-------|-----------|-----|-----|
| 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 | 2.4.1 | 2005 | PSF | yes |

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

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1.251 python-argparse 1.2.1

:9cbf4abe5aec05480e8fa320731236cf

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| 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 |

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|-------|-------|-----------|-----|-----|
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| 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 |
| 2.7 | 2.6 | 2010 | PSF | yes |

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1.252 python-bottle 0.12.8

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1.255 python-cql 1.4.0 :2012/10/19

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1.256 python-crontab 1.9.1 :02 Jan 2015

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1.262 python-gevent 1.0 :1ubuntu1.1

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1.263 python-greenlet 0.2

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1.264 python-paramiko 1.15.1 :1.el7

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1.265 python-paste 1.7.5.1

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1.266 python-pip 6.0.6 :(2015-01-03)

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1.267 python-pip 1.3.1 :4.el6

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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.

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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 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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1.269 python-psutil 2.1.3

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1.270 python-setuptools 1.4.2

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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 (see <http://www.digicool.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. Digital Creations is a sponsoring member of the PSF.

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| Release from | 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 | no |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
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1.271 python-six 1.9.0

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1.272 python-toml 0.8.2

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1.273 python2-pythondialog 3.0.1 :2013-11-01

Florent Rougon

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```
# demo.py --- Demonstration program and cheap test suite for pythondialog  
#  
# Copyright (C) 2002-2010, 2013 Florent Rougon  
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```

1.274 python2-redis 2.10.3

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1.275 qemu-kvm 0.12.1.2

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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.

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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.)

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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.

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.

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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.

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.

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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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(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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- 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.

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1.276 qless-py 0.10.1

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1.277 redis 0.12.1

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redis - a node.js redis client

=====

This is a complete Redis client for node.js. It supports all Redis commands, including many recently added commands like EVAL from experimental Redis server branches.

Install with:

```
npm install redis
```

Pieter Noordhuis has provided a binding to the official `hiredis` C library, which is non-blocking and fast. To use `hiredis`, do:

```
npm install hiredis redis
```

If `hiredis` is installed, `node_redis` will use it by default. Otherwise, a pure JavaScript parser will be used.

If you use `hiredis`, be sure to rebuild it whenever you upgrade your version of node. There are mysterious failures that can

happen between node and native code modules after a node upgrade.

Usage

Simple example, included as `examples/simple.js`:

```
```js
var redis = require("redis"),
 client = redis.createClient();

// if you'd like to select database 3, instead of 0 (default), call
// client.select(3, function() { /* ... */ });

client.on("error", function (err) {
 console.log("Error " + err);
});

client.set("string key", "string val", redis.print);
client.hset("hash key", "hashtest 1", "some value", redis.print);
client.hset(["hash key", "hashtest 2", "some other value"], redis.print);
client.hkeys("hash key", function (err, replies) {
 console.log(replies.length + " replies:");
 replies.forEach(function (reply, i) {
 console.log(" " + i + ": " + reply);
 });
 client.quit();
});
```
```

This will display:

```
mjr:~/work/node_redis (master)$ node example.js
Reply: OK
Reply: 0
Reply: 0
2 replies:
  0: hashtest 1
  1: hashtest 2
mjr:~/work/node_redis (master)$
```

Performance

Here are typical results of `multi_bench.js` which is similar to `redis-benchmark` from the Redis distribution. It uses 50 concurrent connections with no pipelining.

JavaScript parser:

```
PING: 20000 ops 42283.30 ops/sec 0/5/1.182
SET: 20000 ops 32948.93 ops/sec 1/7/1.515
GET: 20000 ops 28694.40 ops/sec 0/9/1.740
INCR: 20000 ops 39370.08 ops/sec 0/8/1.269
LPUSH: 20000 ops 36429.87 ops/sec 0/8/1.370
LRANGE (10 elements): 20000 ops 9891.20 ops/sec 1/9/5.048
LRANGE (100 elements): 20000 ops 1384.56 ops/sec 10/91/36.072
```

hiredis parser:

```
PING: 20000 ops 46189.38 ops/sec 1/4/1.082
SET: 20000 ops 41237.11 ops/sec 0/6/1.210
GET: 20000 ops 39682.54 ops/sec 1/7/1.257
INCR: 20000 ops 40080.16 ops/sec 0/8/1.242
LPUSH: 20000 ops 41152.26 ops/sec 0/3/1.212
LRANGE (10 elements): 20000 ops 36563.07 ops/sec 1/8/1.363
LRANGE (100 elements): 20000 ops 21834.06 ops/sec 0/9/2.287
```

The performance of ``node_redis`` improves dramatically with pipelining, which happens automatically in most normal programs.

Sending Commands

Each Redis command is exposed as a function on the ``client`` object. All functions take either an ``args`` Array plus optional ``callback`` Function or a variable number of individual arguments followed by an optional callback. Here is an example of passing an array of arguments and a callback:

```
client.mset(["test keys 1", "test val 1", "test keys 2", "test val 2"], function (err, res) { });
```

Here is that same call in the second style:

```
client.mset("test keys 1", "test val 1", "test keys 2", "test val 2", function (err, res) { });
```

Note that in either form the ``callback`` is optional:

```
client.set("some key", "some val");
client.set(["some other key", "some val"]);
```

If the key is missing, reply will be null (probably):

```
client.get("missingkey", function(err, reply) {
  // reply is null when the key is missing
  console.log(reply);
});
```

For a list of Redis commands, see [Redis Command Reference](http://redis.io/commands)

The commands can be specified in uppercase or lowercase for convenience. `client.get()` is the same as `client.GET()`.

Minimal parsing is done on the replies. Commands that return a single line reply return JavaScript Strings, integer replies return JavaScript Numbers, "bulk" replies return node Buffers, and "multi bulk" replies return a JavaScript Array of node Buffers. `HGETALL` returns an Object with Buffers keyed by the hash keys.

API

Connection Events

`client` will emit some events about the state of the connection to the Redis server.

"ready"

`client` will emit `ready` a connection is established to the Redis server and the server reports that it is ready to receive commands. Commands issued before the `ready` event are queued, then replayed just before this event is emitted.

"connect"

`client` will emit `connect` at the same time as it emits `ready` unless `client.options.no_ready_check` is set. If this options is set, `connect` will be emitted when the stream is connected, and then you are free to try to send commands.

"error"

`client` will emit `error` when encountering an error connecting to the Redis server.

Note that "error" is a special event type in node. If there are no listeners for an "error" event, node will exit. This is usually what you want, but it can lead to some cryptic error messages like this:

```
mjr:~/work/node_redis (master)$ node example.js
```

```
node.js:50
```

```
  throw e;
```

```
    ^
```

```
Error: ECONNREFUSED, Connection refused
```

```
  at IOWatcher.callback (net:870:22)
```

```
  at node.js:607:9
```

Not very useful in diagnosing the problem, but if your program isn't ready to handle this, it is probably the right thing to just exit.

`client` will also emit `error` if an exception is thrown inside of `node_redis` for whatever reason.

It would be nice to distinguish these two cases.

```
### "end"
```

``client`` will emit ``end`` when an established Redis server connection has closed.

```
### "drain"
```

``client`` will emit ``drain`` when the TCP connection to the Redis server has been buffering, but is now writable. This event can be used to stream commands in to Redis and adapt to backpressure. Right now, you need to check ``client.command_queue.length`` to decide when to reduce your send rate. Then you can resume sending when you get ``drain``.

```
### "idle"
```

``client`` will emit ``idle`` when there are no outstanding commands that are awaiting a response.

```
## redis.createClient()
```

```
### overloading
```

```
* redis.createClient() = redis.createClient(6379, '127.0.0.1', {})  
* redis.createClient(options) = redis.createClient(6379, '127.0.0.1', options)  
* redis.createClient(unix_socket, options)  
* redis.createClient(port, host, options)
```

If you have ``redis-server`` running on the same computer as node, then the defaults for port and host are probably fine. ``options`` in an object with the following possible properties:

```
* `parser`: which Redis protocol reply parser to use. Defaults to `hiredis` if that module is installed. This may also be set to `javascript`.  
* `return_buffers`: defaults to `false`. If set to `true`, then all replies will be sent to callbacks as node Buffer objects instead of JavaScript Strings.  
* `detect_buffers`: default to `false`. If set to `true`, then replies will be sent to callbacks as node Buffer objects if any of the input arguments to the original command were Buffer objects. This option lets you switch between Buffers and Strings on a per-command basis, whereas `return_buffers` applies to every command on a client.  
* `socket_nodelay`: defaults to `true`. Whether to call setNoDelay() on the TCP stream, which disables the Nagle algorithm on the underlying socket. Setting this option to `false` can result in additional throughput at the cost of more latency. Most applications will want this set to `true`.  
* `socket_keepalive` defaults to `true`. Whether the keep-alive functionality is enabled on the underlying socket.  
* `no_ready_check`: defaults to `false`. When a connection is established to the Redis server, the server might still be loading the database from disk. While loading, the server not respond to any commands. To work around this, `node_redis` has a "ready check" which sends the `INFO` command  
indicates whether the server is ready for more commands. When ready, `node_redis` emits a `ready` event. Setting `no_ready_check` to `true` will inhibit this check.  
* `enable_offline_queue`: defaults to `true`. By default, if there is no active
```


connection to the redis server, commands are added to a queue and are executed once the connection has been established. Setting `enable_offline_queue` to false` will disable this feature and the callback will be execute immediately with an error, or an error will be thrown if no callback is specified.`

* `retry_max_delay` defaults to null`. By default every time the client tries to connect and fails time before reconnection (delay) almost doubles. This delay normally grows infinitely, but setting retry_max_delay` limits delay`

to maximum value, provided in milliseconds.

* `connect_timeout` defaults to false`. By default client will try reconnecting until connected. Setting connect_timeout``

limits total time for client to reconnect. Value is provided in milliseconds and is counted once the disconnect occurred.

* `max_attempts` defaults to null`. By default client will try reconnecting until connected. Setting max_attempts` limits total amount of reconnects.`

* `auth_pass` defaults to null`. By default client will try connecting without auth. If set, client will run redis auth command on connect.`

* `family` defaults to IPv4`. The client connects in IPv4 if not specified or if the DNS resolution returns an IPv4 address.`

You can force an IPv6 if you set the family to 'IPv6'. See nodejs net or dns modules how to use the family type.

```
```js
var redis = require("redis"),
 client = redis.createClient({ detect_buffers: true });

client.set("foo_rand000000000000", "OK");

// This will return a JavaScript String
client.get("foo_rand000000000000", function (err, reply) {
 console.log(reply.toString()); // Will print `OK`
});

// This will return a Buffer since original key is specified as a Buffer
client.get(new Buffer("foo_rand000000000000"), function (err, reply) {
 console.log(reply.toString()); // Will print ``
});
client.end();
```
```

`createClient()` returns a `RedisClient` object that is named client` in all of the examples here.`

```
## client.auth(password, callback)
```

When connecting to Redis servers that require authentication, the `AUTH` command must be sent as the first command after connecting. This can be tricky to coordinate with reconnections, the ready check, etc. To make this easier, client.auth()` stashes password` and will send it after each connection, including reconnections. callback` is invoked only once, after the response to the very first AUTH` command sent.`

NOTE: Your call to `client.auth()` should not be inside the ready handler. If you are doing this wrong, `client` will emit an error that looks something like this `Error: Ready check failed: ERR operation not permitted`.

```
## client.end()
```

Forcibly close the connection to the Redis server. Note that this does not wait until all replies have been parsed. If you want to exit cleanly, call `client.quit()` to send the `QUIT` command after you have handled all replies.

This example closes the connection to the Redis server before the replies have been read. You probably don't want to do this:

```
```js
var redis = require("redis"),
 client = redis.createClient();

client.set("foo_rand000000000000", "some fantastic value");
client.get("foo_rand000000000000", function (err, reply) {
 console.log(reply.toString());
});
client.end();
```
```

`client.end()` is useful for timeout cases where something is stuck or taking too long and you want to start over.

```
## client.unref()
```

Call `unref()` on the underlying socket connection to the Redis server, allowing the program to exit once no more commands are pending.

This is an *experimental* feature, and only supports a subset of the Redis protocol. Any commands where client state is saved on the Redis server, e.g. `SUBSCRIBE` or the blocking `BL` commands will *NOT* work with `unref()`.

```
```js
var redis = require("redis")
var client = redis.createClient()

/*
 Calling unref() will allow this program to exit immediately after the get command finishes. Otherwise the client
 would hang as long as the client-server connection is alive.
*/
client.unref()
client.get("foo", function (err, value){
 if (err) throw(err)
 console.log(value)
})
```

...

## ## Friendlier hash commands

Most Redis commands take a single String or an Array of Strings as arguments, and replies are sent back as a single String or an Array of Strings.

When dealing with hash values, there are a couple of useful exceptions to this.

### ### client.hgetall(hash)

The reply from an HGETALL command will be converted into a JavaScript Object by `node_redis``. That way you can interact with the responses using JavaScript syntax.

Example:

```
client.hmset("hosts", "mjr", "1", "another", "23", "home", "1234");
client.hgetall("hosts", function (err, obj) {
 console.dir(obj);
});
```

Output:

```
{ mjr: '1', another: '23', home: '1234' }
```

### ### client.hmset(hash, obj, [callback])

Multiple values in a hash can be set by supplying an object:

```
client.HMSET(key2, {
 "0123456789": "abcdefghij", // NOTE: key and value will be coerced to strings
 "some manner of key": "a type of value"
});
```

The properties and values of this Object will be set as keys and values in the Redis hash.

### ### client.hmset(hash, key1, val1, ... keyn, valn, [callback])

Multiple values may also be set by supplying a list:

```
client.HMSET(key1, "0123456789", "abcdefghij", "some manner of key", "a type of value");
```

## ## Publish / Subscribe

Here is a simple example of the API for publish / subscribe. This program opens two client connections, subscribes to a channel on one of them, and publishes to that channel on the other:

```

```js
var redis = require("redis"),
    client1 = redis.createClient(), client2 = redis.createClient(),
    msg_count = 0;

client1.on("subscribe", function (channel, count) {
    client2.publish("a nice channel", "I am sending a message.");
    client2.publish("a nice channel", "I am sending a second message.");
    client2.publish("a nice channel", "I am sending my last message.");
});

client1.on("message", function (channel, message) {
    console.log("client1 channel " + channel + ": " + message);
    msg_count += 1;
    if (msg_count === 3) {
        client1.unsubscribe();
        client1.end();
        client2.end();
    }
});

client1.incr("did a thing");
client1.subscribe("a nice channel");
```

```

When a client issues a `SUBSCRIBE` or `PSUBSCRIBE`, that connection is put into a "subscriber" mode. At that point, only commands that modify the subscription set are valid. When the subscription set is empty, the connection is put back into regular mode.

If you need to send regular commands to Redis while in subscriber mode, just open another connection.

### ## Subscriber Events

If a client has subscriptions active, it may emit these events:

```
"message" (channel, message)
```

Client will emit `message` for every message received that matches an active subscription. Listeners are passed the channel name as `channel` and the message Buffer as `message`.

```
"pmessage" (pattern, channel, message)
```

Client will emit `pmessage` for every message received that matches an active subscription pattern. Listeners are passed the original pattern used with `PSUBSCRIBE` as `pattern`, the sending channel name as `channel`, and the message Buffer as `message`.

```
"subscribe" (channel, count)
```

Client will emit `subscribe` in response to a `SUBSCRIBE` command. Listeners are passed the channel name as `channel` and the new count of subscriptions for this client as `count`.

```
"psubscribe" (pattern, count)
```

Client will emit `psubscribe` in response to a `PSUBSCRIBE` command. Listeners are passed the original pattern as `pattern`, and the new count of subscriptions for this client as `count`.

```
"unsubscribe" (channel, count)
```

Client will emit `unsubscribe` in response to a `UNSUBSCRIBE` command. Listeners are passed the channel name as `channel` and the new count of subscriptions for this client as `count`. When `count` is 0, this client has left subscriber mode and no more subscriber events will be emitted.

```
"punsubscribe" (pattern, count)
```

Client will emit `punsubscribe` in response to a `PUNSUBSCRIBE` command. Listeners are passed the channel name as `channel` and the new count of subscriptions for this client as `count`. When `count` is 0, this client has left subscriber mode and no more subscriber events will be emitted.

```
client.multi([commands])
```

`MULTI` commands are queued up until an `EXEC` is issued, and then all commands are run atomically by Redis. The interface in `node\_redis` is to return an individual `Multi` object by calling `client.multi()`.

```
```js
var redis = require("./index"),
    client = redis.createClient(), set_size = 20;

client.sadd("bigset", "a member");
client.sadd("bigset", "another member");

while (set_size > 0) {
  client.sadd("bigset", "member " + set_size);
  set_size -= 1;
}

// multi chain with an individual callback
client.multi()
  .scard("bigset")
  .smembers("bigset")
  .keys("*", function (err, replies) {
    // NOTE: code in this callback is NOT atomic
    // this only happens after the the .exec call finishes.
    client.mget(replies, redis.print);
  })
  .dbsize()
```

```

    .exec(function (err, replies) {
        console.log("MULTI got " + replies.length + " replies");
        replies.forEach(function (reply, index) {
            console.log("Reply " + index + ": " + reply.toString());
        });
    });
...

```

```

### Multi.exec( callback )

```

`client.multi()` is a constructor that returns a `Multi` object. `Multi` objects share all of the same command methods as `client` objects do. Commands are queued up inside the `Multi` object until `Multi.exec()` is invoked.

The `callback` of `.exec()` will get invoked with two arguments:

- * `err` **type:** `null | Array` `err` is either null or an array of Error Objects corresponding the the sequence the commands where chained. The last item of the array will always be an `EXECABORT` type of error originating from the `.exec()` itself.
- * `results` **type:** `null | Array` `results` is an array of responses corresponding the the sequence the commands where chained.

You can either chain together `MULTI` commands as in the above example, or you can queue individual commands while still sending regular client command as in this example:

```

```js
var redis = require("redis"),
 client = redis.createClient(), multi;

// start a separate multi command queue
multi = client.multi();
multi.incr("incr thing", redis.print);
multi.incr("incr other thing", redis.print);

// runs immediately
client.mset("incr thing", 100, "incr other thing", 1, redis.print);

// drains multi queue and runs atomically
multi.exec(function (err, replies) {
 console.log(replies); // 101, 2
});

// you can re-run the same transaction if you like
multi.exec(function (err, replies) {
 console.log(replies); // 102, 3
 client.quit();
});
...

```

In addition to adding commands to the `MULTI` queue individually, you can also pass an array of commands and arguments to the constructor:

```
```js
var redis = require("redis"),
    client = redis.createClient(), multi;

client.multi([
  ["mget", "multifoo", "multibar", redis.print],
  ["incr", "multifoo"],
  ["incr", "multibar"]
]).exec(function (err, replies) {
  console.log(replies);
});
```
```

## Monitor mode

Redis supports the `MONITOR` command, which lets you see all commands received by the Redis server across all client connections, including from other client libraries and other computers.

After you send the `MONITOR` command, no other commands are valid on that connection. `node\_redis` will emit a `monitor` event for every new monitor message that comes across. The callback for the `monitor` event takes a timestamp from the Redis server and an array of command arguments.

Here is a simple example:

```
```js
var client = require("redis").createClient(),
    util = require("util");

client.monitor(function (err, res) {
  console.log("Entering monitoring mode.");
});

client.on("monitor", function (time, args) {
  console.log(time + ": " + util.inspect(args));
});
```
```

# Extras

Some other things you might like to know about.

## client.server\_info

After the ready probe completes, the results from the INFO command are saved in the `client.server\_info` object.

The `versions` key contains an array of the elements of the version string for easy comparison.

```
> client.server_info.redis_version
'2.3.0'
> client.server_info.versions
[2, 3, 0]
```

```
redis.print()
```

A handy callback function for displaying return values when testing. Example:

```
```js
var redis = require("redis"),
    client = redis.createClient();

client.on("connect", function () {
  client.set("foo_rand000000000000", "some fantastic value", redis.print);
  client.get("foo_rand000000000000", redis.print);
});
```
```

This will print:

```
Reply: OK
Reply: some fantastic value
```

Note that this program will not exit cleanly because the client is still connected.

```
redis.debug_mode
```

Boolean to enable debug mode and protocol tracing.

```
```js
var redis = require("redis"),
    client = redis.createClient();

redis.debug_mode = true;

client.on("connect", function () {
  client.set("foo_rand000000000000", "some fantastic value");
});
```
```

This will display:



```
mjr:~/work/node_redis (master)$ node ~/example.js
send command: *3
$3
SET
$20
foo_rand000000000000
$20
some fantastic value

on_data: +OK
```

`send command` is data sent into Redis and `on\_data` is data received from Redis.

### ## Multi-word commands

To execute redis multi-word commands like `SCRIPT LOAD` or `CLIENT LIST` pass the second word as first parameter:

```
client.script('load', 'return 1');
client.multi().script('load', 'return 1').exec(...);
client.multi(['script', 'load', 'return 1']).exec(...);
```

### ## client.send\_command(command\_name, args, callback)

Used internally to send commands to Redis. For convenience, nearly all commands that are published on the Redis Wiki have been added to the `client` object. However, if I missed any, or if new commands are introduced before this library is updated, you can use `send\_command()` to send arbitrary commands to Redis.

All commands are sent as multi-bulk commands. `args` can either be an Array of arguments, or omitted.

### ## client.connected

Boolean tracking the state of the connection to the Redis server.

### ## client.command\_queue.length

The number of commands that have been sent to the Redis server but not yet replied to. You can use this to enforce some kind of maximum queue depth for commands while connected.

Don't mess with `client.command\_queue` though unless you really know what you are doing.

### ## client.offline\_queue.length

The number of commands that have been queued up for a future connection. You can use this to enforce some kind of maximum queue depth for pre-connection commands.

### ## client.retry\_delay

Current delay in milliseconds before a connection retry will be attempted. This starts at `250`.

```
client.retry_backoff
```

Multiplier for future retry timeouts. This should be larger than 1 to add more time between retries.

Defaults to 1.7. The default initial connection retry is 250, so the second retry will be 425, followed by 723.5, etc.

```
Commands with Optional and Keyword arguments
```

This applies to anything that uses an optional `[WITHSCORES]` or `[LIMIT offset count]` in the [redis.io/commands](http://redis.io/commands) documentation.

Example:

```
```js
var args = [ 'myzset', 1, 'one', 2, 'two', 3, 'three', 99, 'ninety-nine' ];
client.zadd(args, function (err, response) {
  if (err) throw err;
  console.log('added '+response+' items.');
```



```
  // -Infinity and +Infinity also work
  var args1 = [ 'myzset', '+inf', '-inf' ];
  client.zrevrangebyscore(args1, function (err, response) {
    if (err) throw err;
    console.log('example1', response);
    // write your code here
  });

  var max = 3, min = 1, offset = 1, count = 2;
  var args2 = [ 'myzset', max, min, 'WITHSCORES', 'LIMIT', offset, count ];
  client.zrevrangebyscore(args2, function (err, response) {
    if (err) throw err;
    console.log('example2', response);
    // write your code here
  });
});
```
```

```
TODO
```

Better tests for auth, disconnect/reconnect, and all combinations thereof.

Stream large set/get values into and out of Redis. Otherwise the entire value must be in node's memory.

Performance can be better for very large values.

I think there are more performance improvements left in there for smaller values, especially for large lists of small values.

## ## How to Contribute

- open a pull request and then wait for feedback (if [DTrejo](http://github.com/dtrejo) does not get back to you within 2 days, comment again with indignation!)

## ## Contributors

Some people have have added features and fixed bugs in `node\_redis` other than me.

Ordered by date of first contribution.

[Auto-generated](http://github.com/dtrejo/node-authors) on Wed Jul 25 2012 19:14:59 GMT-0700 (PDT).

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## 1.285.1 Available under license :

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## 1.287 scrollspy.js 3.1.1

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 */
/* Reset.less
 * Props to Eric Meyer (meyerweb.com) for his CSS reset file. We're using an adapted version here that cuts out some
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## 1.288 selectize.js 2.0

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### 2.4.0-b31

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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  
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|----------------|--------------|-----------|------------|---------------------|
| 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       | no                  |
| 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                 |
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```

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```
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```

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```
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```

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

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```
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#
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compiler/cpp/Makefile.am

compiler/cpp/src/generate/t\_cocoa\_generator.cc  
compiler/cpp/src/generate/t\_cpp\_generator.cc  
compiler/cpp/src/generate/t\_csharp\_generator.cc  
compiler/cpp/src/generate/t\_erl\_generator.cc  
compiler/cpp/src/generate/t\_hs\_generator.cc  
compiler/cpp/src/generate/t\_java\_generator.cc  
compiler/cpp/src/generate/t\_ocaml\_generator.cc  
compiler/cpp/src/generate/t\_perl\_generator.cc  
compiler/cpp/src/generate/t\_php\_generator.cc  
compiler/cpp/src/generate/t\_py\_generator.cc  
compiler/cpp/src/generate/t\_rb\_generator.cc  
compiler/cpp/src/generate/t\_st\_generator.cc  
compiler/cpp/src/generate/t\_xsd\_generator.cc  
compiler/cpp/src/main.cc  
compiler/cpp/src/parse/t\_field.h  
compiler/cpp/src/parse/t\_program.h  
compiler/cpp/src/platform.h  
compiler/cpp/src/thrift.l  
compiler/cpp/src/thrift.yy  
lib/csharp/src/Protocol/TBinaryProtocol.cs  
lib/csharp/src/Protocol/TField.cs  
lib/csharp/src/Protocol/TList.cs  
lib/csharp/src/Protocol/TMap.cs  
lib/csharp/src/Protocol/TMessage.cs  
lib/csharp/src/Protocol/TMessageType.cs  
lib/csharp/src/Protocol/TProtocol.cs  
lib/csharp/src/Protocol/TProtocolException.cs  
lib/csharp/src/Protocol/TProtocolFactory.cs  
lib/csharp/src/Protocol/TProtocolUtil.cs  
lib/csharp/src/Protocol/TSet.cs  
lib/csharp/src/Protocol/TStruct.cs  
lib/csharp/src/Protocol/TType.cs  
lib/csharp/src/Server/TServer.cs  
lib/csharp/src/Server/TSimpleServer.cs  
lib/csharp/src/Server/TThreadPoolServer.cs  
lib/csharp/src/TApplicationException.cs  
lib/csharp/src/Thrift.csproj  
lib/csharp/src/Thrift.sln  
lib/csharp/src/TProcessor.cs  
lib/csharp/src/Transport/TServerSocket.cs  
lib/csharp/src/Transport/TServerTransport.cs  
lib/csharp/src/Transport/TSocket.cs  
lib/csharp/src/Transport/TStreamTransport.cs  
lib/csharp/src/Transport/TTransport.cs  
lib/csharp/src/Transport/TTransportException.cs  
lib/csharp/src/Transport/TTransportFactory.cs  
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs  
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs

lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj  
lib/rb/lib/thrift.rb  
lib/st/README  
lib/st/thrift.st  
test/OptionalRequiredTest.cpp  
test/OptionalRequiredTest.thrift  
test/ThriftTest.thrift

-----  
For the aclocal/ax\_boost\_base.m4 and contrib/fb303/aclocal/ax\_boost\_base.m4 components:

```
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#
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```

-----  
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```
/*
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```

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L. Peter Deutsch  
ghost@aladdin.com

```
*/
```

-----  
For the lib/rb/setup.rb: Copyright (c) 2000-2005 Minero Aoki,  
lib/ocaml/OCamlMakefile and lib/ocaml/README-OCamlMakefile components:

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- javaee\_web\_services\_1\_3.xsd
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- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd

- jsp\_2\_2.xsd

- web-app\_3\_0.xsd

- web-common\_3\_0.xsd

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## 1.324 winston 0.9.0

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## 1.327 xmlbeans 2.4.0

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```

*/

package zipcompare;

import java.util.zip.ZipFile;
import java.util.zip.ZipEntry;
import java.util.*;
import java.io.IOException;
import java.io.InputStream;

public class ZipCompare
{
 public static void main(String[] args)
 {
 if (args.length != 2)
 {
 System.out.println("Usage: zipcompare [file1] [file2]");
 System.exit(1);
 }

 ZipFile file1;
 try { file1 = new ZipFile(args[0]); }
 catch (IOException e) { System.out.println("Could not open zip file " + args[0] + ": " + e); System.exit(1);
return; }

 ZipFile file2;
 try { file2 = new ZipFile(args[1]); }
 catch (IOException e) { System.out.println("Could not open zip file " + args[1] + ": " + e); System.exit(1);
return; }

 System.out.println("Comparing " + args[0] + " with " + args[1] + ":");

 Set set1 = new LinkedHashSet();
 for (Enumeration e = file1.entries(); e.hasMoreElements();)
 set1.add(((ZipEntry)e.nextElement()).getName());

 Set set2 = new LinkedHashSet();
 for (Enumeration e = file2.entries(); e.hasMoreElements();)
 set2.add(((ZipEntry)e.nextElement()).getName());

 int errcount = 0;
 int filecount = 0;
 for (Iterator i = set1.iterator(); i.hasNext();)
 {
 String name = (String)i.next();
 if (!set2.contains(name))
 {
 System.out.println(name + " not found in " + args[1]);
 }
 }
 }
}

```

```

 errcount += 1;
 continue;
 }
 try
 {
 set2.remove(name);
 if (!streamsEqual(file1.getInputStream(file1.getEntry(name)), file2.getInputStream(file2.getEntry(name))))
 {
 System.out.println(name + " does not match");
 errcount += 1;
 continue;
 }
 }
 catch (Exception e)
 {
 System.out.println(name + ": IO Error " + e);
 e.printStackTrace();
 errcount += 1;
 continue;
 }
 filecount += 1;
}
for (Iterator i = set2.iterator(); i.hasNext();)
{
 String name = (String)i.next();
 System.out.println(name + " not found in " + args[0]);
 errcount += 1;
}
System.out.println(filecount + " entries matched");
if (errcount > 0)
{
 System.out.println(errcount + " entries did not match");
 System.exit(1);
}
System.exit(0);
}

```

```

static boolean streamsEqual(InputStream stream1, InputStream stream2) throws IOException
{
 byte[] buf1 = new byte[4096];
 byte[] buf2 = new byte[4096];
 boolean done1 = false;
 boolean done2 = false;

 try
 {
 while (!done1)
 {

```

```

int off1 = 0;
int off2 = 0;

while (off1 < buf1.length)
{
 int count = stream1.read(buf1, off1, buf1.length - off1);
 if (count < 0)
 {
 done1 = true;
 break;
 }
 off1 += count;
}
while (off2 < buf2.length)
{
 int count = stream2.read(buf2, off2, buf2.length - off2);
 if (count < 0)
 {
 done2 = true;
 break;
 }
 off2 += count;
}
if (off1 != off2 || done1 != done2)
 return false;
for (int i = 0; i < off1; i++)
{
 if (buf1[i] != buf2[i])
 return false;
}
}
return true;
}
finally { stream1.close(); stream2.close(); }
}
}

```

## 1.328 zeromq 3.2.3

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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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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.

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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.

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## 1.329 zeromq 3.2.0

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Version 3, 29 June 2007

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Welcome

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The OMQ lightweight messaging kernel is a library which extends the standard socket interfaces with features traditionally provided by specialised messaging middleware products. OMQ sockets provide an abstraction of asynchronous message queues, multiple messaging patterns, message filtering (subscriptions), seamless access to multiple transport protocols and more.

## Building and installation

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See the INSTALL file included with the distribution.

## Resources

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Extensive documentation is provided with the distribution. Refer to doc/zmq.html, or "man zmq" after you have installed 0MQ on your system.

Website: <http://www.zeromq.org/>

Development mailing list: [zeromq-dev@lists.zeromq.org](mailto:zeromq-dev@lists.zeromq.org)

Announcements mailing list: [zeromq-announce@lists.zeromq.org](mailto:zeromq-announce@lists.zeromq.org)

Git repository: <http://github.com/zeromq/libzmq>

0MQ developers can also be found on the IRC channel #zeromq, on the Freenode network ([irc.freenode.net](http://irc.freenode.net)).

## Copying

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