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## avahi 0.6.32

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## **boost\_1\_58\_0 1\_58\_0**

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## bridge-utils 1.5

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jseward@bzip.org  
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## dropbear 2017.75

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

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Tom St Denis

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## **ebtables-v2.0.10-4 2.0.10-4**

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## **fstools 2016-01-10**

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## fwknop 2.6.9

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## **gcc-linaro-4.8-2014.04 4.8-linaro**

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

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

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

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"Source code" for a work means the preferred form of the work for

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

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(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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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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## GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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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

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

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## iproute2 4.0.0

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## iptables 1.4.21

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## jansson 2.7

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## json-c 0.12

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## jsoncpp 1.9.2

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## jsonfilter 2018-02-04

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```

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## libdaemon 0.14

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## libiwinfo 2015-06-01

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```
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```

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

## libmicrohttpd 0.9.59

---

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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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## libmicroxml 2015-03-18

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September 18, 2010

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

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

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## libnfnlink 1.0.1

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## libnl 3.2.21

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

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
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That's all there is to it!

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## libnl-tiny 0.1

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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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Ty Coon, President of Vice
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---

## libpcap 1.5.3

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## libstrophe 0.9.2

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## libubox 2019-10-29

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## linux 4.4.60

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Version 2, June 1991

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## Solaris issues

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  59. [63]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD
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---

## openssl 1.1.1k

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## openwrt 15.05.1

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## **opkg 9c97d5ecd795709c8584e972bfdf3aee3a5b846d**

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## procd 2015-11-23.1

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## qca-hostap g73ed5a7-dirty

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wpa\_supplicant and hostapd  
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This package may include either wpa\_supplicant, hostapd, or both. See  
README file respective subdirectories (wpa\_supplicant/README or  
hostapd/README) for more details.

Source code files were moved around in v0.6.x releases and compared to  
earlier releases, the programs are now built by first going to a  
subdirectory (wpa\_supplicant or hostapd) and creating build  
configuration (.config) and running 'make' there (for Linux/BSD/cygwin  
builds).

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---

```
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 *
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 *
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 */
```

---

## swconfig 10

---

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## u-boot 2014.10

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## uClibc-ng 1.0.14

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```

```
<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
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## ubi-utils 1.5.1

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## ubox 2015-11-22

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```
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This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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```
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```

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

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---

## ubus 2019-07-01

---

```
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 *
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 * but WITHOUT ANY WARRANTY; without even the implied warranty of
 * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
 * GNU General Public License for more details.
 */
```

---

## uci 2019-09-01.1

---

```
/*
 * blob.c - uci <-> blobmsg conversion layer
```

```
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* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
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*/
```

---

## uhttpd 2021-03-21

---

```
/*
* uhttpd - Tiny single-threaded httpd
*
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*/
```

---

## ustream-ssl 2020-03-13-5e1bc342

---

```
/*
* ustream-ssl - library for SSL over ustream
*
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* OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
*/
```

---

## util-linux 2.25.2

---

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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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## wireless\_tools.29 29

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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
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```

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

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## **zlib 1.2.11**

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### ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.11 is a general purpose data compression library. All the code is thread safe. The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

All functions of the compression library are documented in the file `zlib.h` (volunteer to write man pages welcome, contact [zlib@gzip.org](mailto:zlib@gzip.org)). A usage example of the library is given in the file `test/example.c` which also tests that the library is working correctly. Another example is given in the file `test/minigzip.c`. The compression library itself is composed of all source files in the root directory.

To compile all files and run the test program, follow the instructions given at the top of `Makefile.in`. In short `./configure; make test`, and if that goes well, `make install` should work for most flavors of Unix. For Windows, use one of the special makefiles in `win32/` or `contrib/vstudio/`. For VMS, use `make_vms.com`.

Questions about zlib should be sent to [<zlib@gzip.org>](mailto:zlib@gzip.org), or to Gilles Vollant [<info@winimage.com>](mailto:info@winimage.com) for the Windows DLL version. The zlib home page is

<http://zlib.net/> . Before reporting a problem, please check this site to verify that you have the latest version of zlib; otherwise get the latest version and check whether the problem still exists or not.

PLEASE read the zlib FAQ [http://zlib.net/zlib\\_faq.html](http://zlib.net/zlib_faq.html) before asking for help.

Mark Nelson <[markn@ieee.org](mailto:markn@ieee.org)> wrote an article about zlib for the Jan. 1997 issue of Dr. Dobbs's Journal; a copy of the article is available at <http://marknelson.us/1997/01/01/zlib-engine/> .

The changes made in version 1.2.11 are documented in the file ChangeLog.

Unsupported third party contributions are provided in directory contrib/ .

zlib is available in Java using the java.util.zip package, documented at <http://java.sun.com/developer/technicalArticles/Programming/compression/> .

A Perl interface to zlib written by Paul Marquess <[pmqs@cpan.org](mailto:pmqs@cpan.org)> is available at CPAN (Comprehensive Perl Archive Network) sites, including <http://search.cpan.org/~pmqs/IO-Compress-Zlib/> .

A Python interface to zlib written by A.M. Kuchling <[amk@amk.ca](mailto:amk@amk.ca)> is available in Python 1.5 and later versions, see <http://docs.python.org/library/zlib.html> .

zlib is built into tcl: <http://wiki.tcl.tk/4610> .

An experimental package to read and write files in .zip format, written on top of zlib by Gilles Vollant <[info@winimage.com](mailto:info@winimage.com)>, is available in the contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see win32/DLL\_FAQ.txt
- For 64-bit Irix, deflate.c must be compiled without any optimization. With -O, one libpng test fails. The test works in 32 bit mode (with the -n32 compiler flag). The compiler bug has been reported to SGI.
- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under OSF/1 2.1 it works when compiled with cc.
- On Digital Unix 4.0D (formely OSF/1) on AlphaServer, the cc option -std1 is necessary to get gzprintf working correctly. This is done by configure.
- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with other compilers. Use "make test" to check your compiler.
- gzdopen is not supported on RISCOS or BEOS.
- For PalmOs, see <http://palmzlib.sourceforge.net/>

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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Jean-loup Gailly                    Mark Adler  
[jloup@gzip.org](mailto:jloup@gzip.org)                    [madler@alumni.caltech.edu](mailto:madler@alumni.caltech.edu)

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