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1 Introduction

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BusyBox	1.22.1	GNU General Public License v2.0 AND bzip2 License
bzip2	1.0.6	bzip2 License
dbus (D-Bus)	1.6.10	Academic Free License v2.1 OR GNU General Public License v2.0 or later
dialog	1.1-20100428	GNU Lesser General Public License v2.1
Dropbear	0.53.1	MIT License AND BSD 3-Clause License AND BSD 2-Clause License AND Public Domain
e2fsprogs	1.41.14	GNU General Public License v2.0 AND GNU Library General Public License v2 AND BSD-style License AND MIT-style License
eglibc (GNU C library)	2.12	GNU General Public License v2.0 AND GNU Lesser General Public License v2.1 AND BSD-style License AND MIT-style License
Expat	2.1.0	MIT License
fcgi	2.4.1-SNAP-0910052249	Open Market License
htop	1.0.2	GNU General Public License v2.0
ifplugd	0.28	GNU General Public License v2.0 or later
libdaemon	0.14	GNU Lesser General Public License v2.1 or later
libiconv	1.13.1	GNU Library General Public License v2 AND GNU General Public License v3.0
linux (Linux Kernel)	3.14.34	GNU General Public License v2.0
linux-ftpd	0.17	BSD 4-Clause License
lldpd	0.9.8	ISC License AND BSD 3-Clause License

Package	Version	License
lsf	4.84	BSD-style License
mtd-utils	1.4.4+git	GNU General Public License v2.0 or later AND BSD 3-Clause License AND BSD 2-Clause License AND MIT License
ncurses	5.9	X11 License
OpenSSL	0.9.8x	OpenSSL License
portmap	4	BSD 4-Clause License AND BSD-style License
spawn-fcgi	1.6.3	BSD 3-Clause License
strace	4.8	BSD 3-Clause License
sudo	1.8.0	ISC License AND BSD 3-Clause License AND zlib License
u-boot (Das U-Boot)	2013.01.01	GNU General Public License v2.0 or later
uClibc	0.9.33.2	GNU Lesser General Public License v2.1
udev	171	GNU General Public License v2.0 AND GNU Lesser General Public License v2.1
zip (Info-ZIP Zip)	3.0	Info-ZIP License
zlib	1.2.5	zlib License

Application third-party packages

Package	Version	License
Boost	1.55.0	Boost Software License 1.0
Eigen	3.2.2	Mozilla Public License 2.0 AND GNU General Public License v3.0 AND GNU Lesser General Public License v2.1 or later AND BSD-style License
glog	0.3.5	BSD 3-Clause License
Kiss FFT	130	BSD 3-Clause License
Ne10	1.2.1+git	BSD 3-Clause License
netCDF-C	4.4.0	NetCDF License
netCDF-C++	4.2.1	NetCDF License
protobuf-cpp	3.5.1.1	BSD 3-Clause License
pugixml	1.4	MIT License

Package	Version	License
WebSocket++	0.7.0	BSD 3-Clause License AND zlib License AND MIT License

WebGUI third-party packages

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

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

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

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

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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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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```
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```
Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006
```

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Julian Seward, jseward@bzip.org
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Theodore Ts'o
23-June-2007

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

```
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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```

```
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```

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

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

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

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

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Version 2, June 1991

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[This is the first released version of the library GPL. It is
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However, linking a "work that uses the Library" with the Library

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

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

```
This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Library General Public
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version 2 of the License, or (at your option) any later version.
```

```
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```

```
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Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
```

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

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

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James Random Hacker.
```

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

That's all there is to it!

4.9 e2fsprogs-1.41.14: lib/ext2fs/ext2fs.h, 1-10

```

/*
 * ext2fs.h --- ext2fs
 *
 * Copyright (C) 1993, 1994, 1995, 1996 Theodore Ts'o.
 *
 * %Begin-Header%
 * This file may be redistributed under the terms of the GNU Library
 * General Public License, version 2.
 * %End-Header%
 */

```

4.10 e2fsprogs-1.41.14: lib/e2p/e2p.h, 1-8

```

/*
 * e2p.h --- header file for the e2p library
 *
 * %Begin-Header%
 * This file may be redistributed under the terms of the GNU Library
 * General Public License, version 2.
 * %End-Header%
 */

```

4.11 e2fsprogs-1.41.14: lib/uuid/uuid.h.in, 1-33

```

/*
 * Public include file for the UUID library
 *
 * Copyright (C) 1996, 1997, 1998 Theodore Ts'o.
 *
 * %Begin-Header%
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
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 *    written permission.
 *
 * THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED
 * WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
 * OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OF
 * WHICH ARE HEREBY DISCLAIMED.  IN NO EVENT SHALL THE AUTHOR BE
 * LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
 * CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT
 * OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
 * BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
 * LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 * (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE

```

```
* USE OF THIS SOFTWARE, EVEN IF NOT ADVISED OF THE POSSIBILITY OF SUCH
* DAMAGE.
* %End-Header%
*/
```

4.12 e2fsprogs-1.41.14: lib/et/et_name.c, 1-12

```
/*
 * Copyright 1987 by MIT Student Information Processing Board
 *
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 * its documentation for any purpose is hereby granted, provided that
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 * M.I.T. S.I.P.B. make no representations about the suitability of
 * this software for any purpose. It is provided "as is" without
 * express or implied warranty.
 */
```

4.13 e2fsprogs-1.41.14: lib/et/vfprintf.c, 1-16

```
/*
 * Copyright (c) 1988 Regents of the University of California.
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 *
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 * from this software without specific prior written permission.
 * THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR
 * IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
 * WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
 */
```

4.14 e2fsprogs-1.41.14: lib/ss/ss.h, 1-21

```
/*
 * Copyright 1987, 1988 by MIT Student Information Processing Board
 *
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 * its documentation for any purpose is hereby granted, provided that
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 * advertising or publicity pertaining to distribution of the software
 * without specific, written prior permission. M.I.T. and the
 * M.I.T. S.I.P.B. make no representations about the suitability of
 * this software for any purpose. It is provided "as is" without
 * express or implied warranty.
 */
```

```

*
* This quote is just too good to not pass on:
*
*      "BTW, I would have rejected the name Story Server because its
*      initials are SS, the name of the secret police in Nazi
*      Germany, probably the most despised pair of letters in western
*      culture." --- http://scriptingnewsarchive.userland.com/1999/12/13
*
* Let no one say political correctness isn't dead...
*/

```

4.15 eglibc-2.12: LICENSES

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

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

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

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

```
This program is distributed in the hope that it will be useful,
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.
```

```
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., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
```

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

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

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

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

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

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

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

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License.

4.21 libdaemon-0.14: LICENSE

See [“avahi-0.6.30: LICENSE”](#) on page 67.

4.22 libiconv-1.13.1: COPYING.LIB

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Version 2, June 1991

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

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or for a fee, you must give the recipients all the rights that we gave

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

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

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

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

Note that it is possible for a library to be covered by the ordinary

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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.)

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

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

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

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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b) Accompany the work with a written offer, valid for at

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

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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 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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Appendix: How to Apply These Terms to Your New Libraries

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

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

```
This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Library 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 Library General Public
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Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston,
MA 02110-1301, USA
```

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

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

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James Random Hacker.
```

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

That's all there is to it!

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Version 3, 29 June 2007

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4.25 linux-ftp-0.17: ftpd/ftpd.c, 1-32

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4.28 Isof-4.84: 00README, 645-679

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4.30 mtd-utils-1.4.4+git: mtd_debug.c, 1-28

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4.31 mtd-utils-1.4.4+git: lib/libfec.c, 1-33

```

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 * fec.c -- forward error correction based on Vandermonde matrices
 * 980624
 * (C) 1997-98 Luigi Rizzo (luigi@iet.unipi.it)
 *
 * Portions derived from code by Phil Karn (karn@ka9q.ampr.org),
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4.32 mtd-utils-1.4.4+git: ubi-utils/LICENSE.libiniparser

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4.33 ncurses-5.9: ncurses/base/version.c, 1-27

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4.35 portmap-4: portmap.c, 1-32

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4.36 portmap-4: from _local.c, 8-36

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4.46 zlib-1.2.5: zlib.h, 4-23

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protobuf-3.5.1.1: src/google/protobuf/stubs/atomicops_internals_generic_gcc.h, 1-27

```
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5.14 protobuf-3.5.1.1: src/google/protobuf/stubs/atomicops_internals_generic_gcc.h, 1-27

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5.15 **protobuf-3.5.1.1: src/google/protobuf/stubs/atomicops_internals_power.h, 1-27**

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5.16 **pugixml-1.4: readme.txt, 29-52**

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base64.cpp and base64.h

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```
***** SHA1 Library (sha1/sha1.hpp) *****
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```
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md5.hpp is a reformulation of the md5.h and md5.c code from
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function as a component of a header only library. This conversion was done by
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6.2 jquery-file-upload-9.10.0: js/jquery.fileupload.js, 1-10

```
/*
 * jQuery File Upload Plugin 5.42.3
 * https://github.com/blueimp/jQuery-File-Upload
 *
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 *
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6.3 jquery-flot-0.8.3+git: LICENSE.txt

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6.5 jquery-ui-1.11.1: LICENSE.txt

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6.7 multipart-parser-c-0.0+git: multipart_parser.c, 1-4

```
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