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Upstream-Name: AccountsService

Upstream-Contact: Matthias Clasen <mclasen@redhat.com>

Source: <http://cgit.freedesktop.org/accountsservice/>

Files: \*

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Files: src/user.c

src/libaccountsservice/act-user.\*

src/libaccountsservice/act-user.manager.\*

doc/dbus/spec-to-docbook.xsl

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```

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```
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## 1.2 acl 2.2.52-1 :1

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```

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

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

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Mathieu Desnoyers

September 26, 2010

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

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```
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program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

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

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# 1.9 base-passwd 3.5.39

## 1.9.1 Available under license :

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

Name: base-passwd

Maintainer: Colin Watson <cjwatson@debian.org>

Files: update-passwd.c, man/\*

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Files: passwd.master, group.master

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X-Notes: Originally written by Ian Murdock <imurdock@debian.org> and  
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Files: doc/\*

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## 1.10 bash 4.3-7ubuntu1 :7ubuntu1

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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.

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\* 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.

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## 1.13 binutils 2.26.1 :1ubuntu1~16.04.3

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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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```
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```

```
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```
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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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```
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```

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

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

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

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

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free

libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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

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

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

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

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

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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.

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

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

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@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 effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

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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.

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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@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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@appendixsubsec How to Apply These Terms to Your New Libraries

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

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```
@end smallexample
```

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```
@smallexample
Yoyodyne, Inc., hereby disclaims all copyright interest in the library
`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
```

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#### Preamble

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

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For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is



modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

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

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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That's all there is to it!  
(This file is under construction.) -\*- text -\*-

If you've contributed to gas and your name isn't listed here, it is not meant as a slight. I just don't know about it. Email me, nickc@redhat.com and I'll correct the situation.

This file will eventually be deleted: The general info will go into the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.

+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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## 1.14 bsdmainutils 9.0.6ubuntu3

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This is a collection of programs from 4.4BSD-Lite that have not (yet) been re-written by FSF as GNU. It was constructed for inclusion in Debian Linux. As programs found here become available from GNU sources, they will be replaced.

This package was originally put together by Austin Donnelly

<and1000@debian.org>, but is heavily based on bsduutils, originally put together by Ian Murdock <imurdock@gnu.ai.mit.edu>. Please report any problems or suggested additions or changes to Austin Donnelly.

Then the package has been maintained by Charles Briscoe-Smith <cpbs@debian.org>. I gathered data for the 1999-2001 calendar files from various sources on the Internet, and I'd also like to thank Oliver Elphick, Julian Gilbey, Daniel Martin and Jaldhar H. Vyas for providing much useful data on the various religious calendars. I have edited the files they provided to fit calendar's requirements, so any errors should be attributed to me.

After cpbs@debian.org, Marco d'Itri <md@linux.it> maintained it for almost two years, before Tollef Fog Heen <tfheen@debian.org> took over. The package is now maintained by Graham Wilson <bob@decoy.wox.org>.

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# 1.15 build-essential 12.1ubuntu2

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# 1.16 busybox 1:1.22.0 :15ubuntu1

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It was downloaded from `ftp://ftp.busybox.net/busybox`

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

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"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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## 1.22 cifs-utils 2:6.4 :1ubuntu1

### 1.22.1 Available under license :

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

Name: cifs-utils

Maintainer: Jeff Layton <jlayton@samba.org>

Source: <http://www.samba.org/~jlayton/cifs-utils/>

Files: \*

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Version 3, 29 June 2007

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## 1.23 coreutils 8.25 :ubuntu2

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This is the Debian GNU/Linux packaged version of the GNU core utilities.

This package is maintained by Michael Stone <mstone@debian.org> and built from sources obtained from:  
ftp://ftp.gnu.org/gnu/coreutils/coreutils-8.24.tar.xz

This debian package was first created by Michael Stone <mstone@debian.org>, from coreutils 4.5.1.

Changes:

- \* added Debian GNU/Linux package maintenance system files
- \* at times, bug fixes awaiting inclusion in the upstream source

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lib/fts.c

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lib/rand-isaac.[ch]

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lib/inet\_ntop.c

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m4/autobuild.m4

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dnl From Simon Josefsson

src/cut.c

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doc/coreutils.texi (The GNU Coreutils Manual)

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## 1.24 cpio 2.11 :1ubuntu1

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=====

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Format: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=173>

Upstream-Name: Cyrus SASL

Source: <ftp://ftp.andrew.cmu.edu/pub/cyrus-mail/>

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```

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* Rob Earhart
```

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* Rob Siemborski
```

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*/
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/\* CMU libsasl

\* Tim Martin

\* Rob Earhart

\* Rob Siemborski

\*/

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## 1.32 db5.3 5.3.28 :3ubuntu3

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## 1.34 dbus-glib 0.106 :1

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```
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```
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```

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## 1.44 e2fsprogs 1.42.13 :1ubuntu1

### 1.44.1 Available under license :

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

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

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This package was put together by Yann Dirson <dirson@debian.org>,  
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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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Index: tdbsa/tdb.c

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

+++ tdbsa/tdb.c

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

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

\*/

/\*

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

- trivial database library - private includes

-

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#

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

#

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

#

# BSDLIB\_VERSION = 1.0

# BSDLIB\_IMAGE = libce

# BSDLIB\_MYDIR = et

```

# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image: $(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LD_FLAGS) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's/lib/;"/$(BSD_LIB) $(BSD_LIB)')

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

install-strip: install

install-shlibs-strip: install-shlibs

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

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

Gadi Oxman, August 1995

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```
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```

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```
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Theodore Ts'o  
23-June-2007

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```

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## 1.46 elfutils 0.165 :3ubuntu1

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## 1.48 expat 2.1.0 :4ubuntu1

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The source package was downloaded from <URL:http://expat.sourceforge.net>.

The original packager is Adam Di Carlo <aph@debian.org>. The current maintainer is Ardo van Rangelrooij <ardo@debian.org>.

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The original packager is Adam Di Carlo <[aph@debian.org](mailto:aph@debian.org)>. The current maintainer is Ardo van Rangelrooij <[ardo@debian.org](mailto:ardo@debian.org)>.

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## 1.49 fakeroot 1.20.2 :1

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Version 3, 29 June 2007

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## 1.51 findutils 4.6.0+git+20160126 :2

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Debian maintainer history: The original package was put together by Ian Murdock <imurdock@debian.org>, afterwards Kevin Dalley <kevind@rahul.net> took over. 2003-07 Andreas Metzler <ametzler@debian.org> followed.

Upstream Authors:

\* GNU find was written by Eric Decker <cire@cisco.com>, with enhancements by David MacKenzie <djm@gnu.org>, Jay Plett <jay@silence.princeton.nj.us>, and Tim Wood <axolotl!tim@toad.com>.

The idea for `-print0` and `xargs -0` came from

Dan Bernstein <brnstnd@kramden.acf.nyu.edu>.

Improvements have been made by James Youngman <jay@gnu.org>.

\* GNU xargs

was originally written by Mike Rendell, with enhancements by David MacKenzie. Modifications by James Youngman Dmitry V. Levin

\* GNU locate and its associated utilities were originally

written by James Woods, with enhancements by David MacKenzie, James Youngman and Bas van Gompel.

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Current upstream maintainer is James Youngman <jay@gnu.org>.

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## 1.53 fonts-dejavu 2.35 :1

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Upstream-Author: Stepan Roh <[src@users.sourceforge.net](mailto:src@users.sourceforge.net)> (original author),  
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src/pcf/pcfutil.c
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src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/ftandom/ftandom.c
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# EOF
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## 1.57 fuse 2.9.4 :1ubuntu3.1

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```

```
<signature of Ty Coon>, 1 April 1989
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## 1.58 gcc-defaults 1.150ubuntu1

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## 1.59 gccgo-6 6.0.1 :0ubuntu1

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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(agg@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).

Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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

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

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

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

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

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

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

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



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

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

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

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

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

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the

application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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

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

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

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

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

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

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

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

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

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work

during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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

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

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

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

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

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

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally

accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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

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

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

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

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That's all there is to it!

@ignore

@c Set file name and title for man page.

@setfilename gpl

@settitle GNU General Public License

@c man begin SEEALSO

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

@c man end

@c man begin COPYRIGHT

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@c man end

@end ignore

@node Copying

@c man begin DESCRIPTION

@unnumbered GNU General Public License

@center Version 3, 29 June 2007



@c This file is intended to be included in another file.

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

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

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

@heading TERMS AND CONDITIONS

@enumerate 0

@item Definitions.

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

``Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

``The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as ``you". ``Licensees" and ``recipients" may be individuals or organizations.

To ``modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a ``modified version" of the earlier work or a work ``based on" the earlier work.

A ``covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

@item Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's

System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

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@item Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

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@item

The work must carry prominent notices stating that you modified it, and giving a relevant date.

@item

The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to ``keep intact all notices".

@item

You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

@item

If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

@end enumerate

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

@item Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

@enumerate a

@item

Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

@item

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.

@item

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

6b.

@item

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

@item

Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

@end enumerate

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

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

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@smallexample

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```
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@var{program} Copyright (C) @var{year} @var{name of author}
This program comes with ABSOLUTELY NO WARRANTY; for details type @samp{show w}.
This is free software, and you are welcome to redistribute it
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```

The hypothetical commands `@samp{show w}` and `@samp{show c}` should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an `about` box".

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@c man end

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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@appendixsec GNU LESSER GENERAL PUBLIC LICENSE

@cindex LGPL, Lesser General Public License

@center Version 2.1, February 1999

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/\* longlong.h -- definitions for mixed size 32/64 bit arithmetic.  
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Upstream-Name: GDB: The GNU Project Debugger  
Upstream-Contact: [gdb@sourceware.org](mailto:gdb@sourceware.org)  
Source: <http://www.gnu.org/software/gdb/download/> w/ GFDL'd files stripped  
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Some gross errors corrected, but not yet checked in detail

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2013-2014, Samuel Bronson  
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Files: \*  
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Files: include/leb128.h  
include/safe-ctype.h  
include/timeval-utils.h  
include/demangle.h  
intl/bindtextdom.c  
intl/dcgettext.c  
intl/dcigettext.c  
intl/dcngettext.c  
intl/dgettext.c  
intl/dngettext.c  
intl/eval-plural.h  
intl/explodename.c  
intl/finddomain.c  
intl/gettext.c  
intl/gettextP.h  
intl/gmo.h  
intl/hash-string.h  
intl/l10nlist.c  
intl/libgnuintl.h

intl/loadinfo.h  
intl/loadmsgcat.c  
intl/localcharset.c  
intl/localcharset.h  
intl/localealias.c  
intl/localename.c  
intl/log.c  
intl/ngettext.c  
intl/osdep.c  
intl/plural-exp.c  
intl/plural-exp.h  
intl/plural.c  
intl/relocatable.c  
intl/relocatable.h  
intl/textdomain.c  
libiberty/argv.c  
libiberty/asprintf.c  
libiberty/choose-temp.c  
libiberty/concat.c  
libiberty/fdmatch.c  
libiberty/fopen\_unlocked.c  
libiberty/getruntime.c  
libiberty/hex.c  
libiberty/lbasename.c  
libiberty/mempcpy.c  
libiberty/mkstemp.c  
libiberty/pex-common.c  
libiberty/pex-one.c  
libiberty/pexecute.c  
libiberty/putenv.c  
libiberty/setproctitle.c  
libiberty/simple-object-common.h  
libiberty/spaces.c  
libiberty/stpcpy.c  
libiberty/stpncpy.c  
libiberty/strndup.c  
libiberty/timeval-utils.c  
libiberty/vasprintf.c  
libiberty/xexit.c  
libiberty/xmalloc.c  
libiberty/xstrndup.c  
libiberty/cplus-dem.c  
libiberty/hashtab.c  
libiberty/make-temp-file.c  
libiberty/pex-common.h  
libiberty/pex-djgpp.c  
libiberty/pex-msdos.c  
libiberty/pex-unix.c



libiberty/pex-win32.c  
libiberty/safe-ctype.c  
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Files: bfd/xtensa-modules.c  
etc/texi2pod.pl  
include/elf/xgate.h  
include/fnmatch.h  
include/fopen-bin.h  
include/fopen-same.h  
include/fopen-vms.h  
include/gdbm.h  
include/ieee.h  
include/md5.h  
include/objalloc.h  
include/os9k.h  
include/partition.h  
include/simple-object.h  
include/sort.h  
include/symcat.h  
include/libiberty.h  
include/filenames.h  
include/ansidecl.h  
include/dyn-string.h  
include/fibheap.h  
include/floatformat.h  
include/getopt.h  
include/hashtab.h  
include/obstack.h  
include/splay-tree.h  
include/xtensa-config.h  
intl/intl-compat.c  
libiberty/\_doprnt.c  
libiberty/clock.c  
libiberty/cp-demint.c  
libiberty/crc32.c  
libiberty/dwarfnames.c  
libiberty/dyn-string.c  
libiberty/fibheap.c  
libiberty/filename\_cmp.c  
libiberty/fnmatch.c  
libiberty/lrealpath.c  
libiberty/md5.c  
libiberty/memmem.c  
libiberty/objalloc.c  
libiberty/obstack.c  
libiberty/partition.c

libiberty/phymem.c  
libiberty/simple-object-coff.c  
libiberty/simple-object-elf.c  
libiberty/simple-object-mach-o.c  
libiberty/simple-object-xcoff.c  
libiberty/simple-object.c  
libiberty/snprintf.c  
libiberty/sort.c  
libiberty/stack-limit.c  
libiberty/strtod.c  
libiberty/testsuite/test-demangle.c  
libiberty/testsuite/test-expandargv.c  
libiberty/testsuite/test-pexecute.c  
libiberty/unlink-if-ordinary.c  
libiberty/vsnprintf.c  
libiberty/vsprintf.c  
libiberty/cp-demangle.c  
libiberty/cp-demangle.h  
libiberty/floatformat.c  
libiberty/getopt.c  
libiberty/getopt1.c  
libiberty/make-relative-prefix.c  
libiberty/splay-tree.c  
libiberty/sha1.c  
libiberty/setenv.c  
ltmain.sh  
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Files: gdb/common/i386-gcc-cpuid.h  
libdecnumber/bid/bid-dpd.h  
libdecnumber/bid/bid2dpd\_dpd2bid.c  
libdecnumber/bid/bid2dpd\_dpd2bid.h  
libdecnumber/bid/decimal128.c  
libdecnumber/bid/decimal32.c  
libdecnumber/bid/decimal64.c  
libdecnumber/bid/host-ieee128.c  
libdecnumber/bid/host-ieee32.c  
libdecnumber/bid/host-ieee64.c  
libdecnumber/dconfig.h  
libdecnumber/decBasic.c  
libdecnumber/decCommon.c  
libdecnumber/decContext.c  
libdecnumber/decContext.h  
libdecnumber/decDPD.h  
libdecnumber/decDouble.c  
libdecnumber/decDouble.h  
libdecnumber/decExcept.c

libdecnumber/decExcept.h  
libdecnumber/decLibrary.c  
libdecnumber/decNumber.c  
libdecnumber/decNumber.h  
libdecnumber/decNumberLocal.h  
libdecnumber/decPacked.c  
libdecnumber/decPacked.h  
libdecnumber/decQuad.c  
libdecnumber/decQuad.h  
libdecnumber/decRound.c  
libdecnumber/decRound.h  
libdecnumber/decSingle.c  
libdecnumber/decSingle.h  
libdecnumber/dpd/decimal128.c  
libdecnumber/dpd/decimal128.h  
libdecnumber/dpd/decimal128Local.h  
libdecnumber/dpd/decimal32.c  
libdecnumber/dpd/decimal32.h  
libdecnumber/dpd/decimal64.c  
libdecnumber/dpd/decimal64.h  
include/dwarf2.h

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Files: sim/arm/armcopro.c  
sim/arm/armdefs.h  
sim/arm/armemu.c  
sim/arm/armemu.h  
sim/arm/armfpe.h  
sim/arm/arminit.c  
sim/arm/armopts.h  
sim/arm/armos.c  
sim/arm/armos.h  
sim/arm/armrdi.c  
sim/arm/armsupp.c  
sim/arm/armvirt.c  
sim/arm/bag.c  
sim/arm/bag.h  
sim/arm/communicate.c  
sim/arm/communicate.h  
sim/arm/dbg\_conf.h  
sim/arm/dbg\_cp.h  
sim/arm/dbg\_hif.h  
sim/arm/dbg\_rdi.h  
sim/arm/gdbhost.c  
sim/arm/gdbhost.h  
sim/arm/kid.c  
sim/arm/main.c

sim/arm/parent.c  
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Files: sim/erc32/erc32.c  
sim/erc32/exec.c  
sim/erc32/func.c  
sim/erc32/interf.c  
sim/erc32/sis.h  
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libiberty/random.c  
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readline/examples/rlfe/os.h  
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Files: bfd/hosts/x86-64linux.h  
include/xregex2.h  
libiberty/regex.c  
gdb/common/glibc\_thread\_db.h  
include/longlong.h  
libiberty/strverscmp.c  
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Version 3.1, 31 March 2009

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@smallexample

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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.

## GNU LIBRARY GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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

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

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

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

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

1. You may copy and distribute verbatim copies of the Library's



complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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

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

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

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

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

it.

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

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

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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

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

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

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

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

However, linking a "work that uses the Library" with the Library

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

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

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

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

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

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the

Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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

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

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

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

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

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any

attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

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10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

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

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing

to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

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14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

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#### END OF TERMS AND CONDITIONS

#### Appendix: 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.

<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.

This library 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 Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free 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!

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

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@appendixsubsec Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software---to make sure the software is free for all its users.

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

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



To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

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

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

We call this license the @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.

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

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

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`@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION`

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`@center GNU LESSER GENERAL PUBLIC LICENSE`

`@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION`

`@end ifinfo`

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You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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

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

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The modified work must itself be a software library.

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

@item

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

@item

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

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

@end enumerate

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

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

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

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

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

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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.

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

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

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be

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

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

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

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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.)

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Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the

library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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

@item

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

@item

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

@end enumerate

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

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

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emacs po-mode was written by Francois Pinard <pinard@iro.umontreal.ca>.

This package was first created by Erick Branderhorst <branderh@debian.org>, and is currently maintained by Santiago Vila <sanvila@debian.org>.

This release has been built using the sources from:

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@subheading END OF TERMS AND CONDITIONS

@page

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```
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@end smallexample
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```

```
@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample
```

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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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Description: Don't warn for \_BSD\_SOURCE || \_SVID\_SOURCE, drop post-vivid  
Author: Adam Conrad <adconrad@ubuntu.com>

```
--- glibc-2.21.orig/include/features.h
+++ glibc-2.21/include/features.h
@@ -145,7 +145,10 @@
     transitioned to use the new macro. */
#if (defined _BSD_SOURCE || defined _SVID_SOURCE) \
    && !defined _DEFAULT_SOURCE
+/* Don't #warn about _BSD_SOURCE || _SVID_SOURCE, as it breaks -Werror
```



```
+ and we don't have time to check/fix everything before vivid release
# warning "_BSD_SOURCE and _SVID_SOURCE are deprecated, use _DEFAULT_SOURCE"
+*/
# undef _DEFAULT_SOURCE
# define _DEFAULT_SOURCE 1
#endif
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```

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

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e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

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

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- e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

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## 1.69 gnutls28 3.4.10 :4ubuntu1.1

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It was later taken over by Matthias Urlichs <smurf@debian.org> and is now maintained by Andreas Metzler <ametzler@debian.org> Eric Dorland <eric@debian.org>, James Westby <jw+debian@jameswestby.net>

It was downloaded from <ftp://ftp.gnutls.org/gcrypt/gnutls/>

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Martin Storjo \*martin [at] martin.st\*  
DTLS-SRTP support.

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lib/accelerated/x86/elf/aes-ssse3-x86.s  
lib/accelerated/x86/macosx/aes-ssse3-x86.s

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lib/inet\_pton.c

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lib/vasprintf.c

Upstream Authors: David Woodhouse <dwmw2@infradead.org>

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Comment: This code is not used on Debian/\*, since we have a working  
vasprintf() in glibc.

lib/extras/hex.\*

Author: Rusty Russell <rusty@rustcorp.com.au>

Comment: <http://ccodearchive.net/info/str/hex.html>

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#####

```
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## version 0.1
##
## By Mike Hamburg (Stanford University), 2009
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##
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## 1.71 gpm 1.20.4 :6.1

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```
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## 1.73 groff 1.22.3 :7

### 1.73.1 Available under license :

This is the Debian GNU/Linux prepackaged version of the GNU groff document formatting system.

GNU groff was written by James Clark <jjc@jclark.com>.

It is now maintained by Ted Harding <ted.harding@nessie.mcc.ac.uk> and Werner Lemberg <wl@gnu.org>.

This Debian package was previously maintained by Fabrizio Polacco <fpolacco@debian.org>.

It is now maintained by Colin Watson <cjwatson@debian.org>.

The original tarball came from <URL:ftp://groff.ffii.org/pub/groff/>:  
48fa768dd6fdeb7968041dd5ae8e2b02 groff-1.20.1.tar.gz  
and was simply renamed to groff\_1.20.1.orig.tar.gz.

Some patches have been applied to groff outside the debian directory.

The Debian diff also appends /usr/share/groff/tmac to the default macro path for compatibility with versions of groff earlier than 1.17 (patch by Colin Watson).

=====

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Written by James Clark (jjc@jclark.com)

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=====

Included in this release are implementations of troff, pic, eqn, tbl, grn, refer, -man, -mdoc, and -ms macros, and drivers for PostScript, TeX dvi format, HP LaserJet 4 printers, Canon CAPSL printers, HTML format (still alpha), and typewriter-like devices. Also included is a modified version of the Berkeley -me macros, an enhanced version of the X11 xditview previewer, and an implementation of the -mm macros contributed by Joergen Haegg (jh@axis.se).

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I e-mailed the upstream maintainer to clarify the intent of this. Here is the relevant part of the reply:

From: Werner LEMBERG <wl@gnu.org>  
To: cjwatson@debian.org  
Subject: Re: Clarifying the scope of groff/LICENSE  
Date: Thu, 18 Nov 2004 00:19:52 +0100 (CET)

> Since "compatible with the GPL" means to all intents and purposes  
> "may be distributed under the terms of the GPL", can I correctly  
> assume that groff/LICENSE grants me permission to distribute  
> groff/doc/groff.texinfo and groff/doc/pic.ms under the terms of the  
> GPL?

This is the intention, of course.

> If not, is the FDL thing from yesteryear going to be resolved some  
> other way? I just want to make sure that I don't get forced to  
> remove the groff manual, since that would really diminish the  
> quality of the Debian package IMHO.

Sigh. I haven't found time to revert the FDL stuff back to GPL. It basically affects only Bernd Warken and me, and we have both agreed to return to GPL in case FDL makes problems.

(Note that this e-mail predates the current wording in LICENSES.)

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frhyph.tex % French hyphenation patterns

%%%%%%%%  
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%%%%%%%%  
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```
src/preproc/grn/gprint.h
src/preproc/grn/hdb.cpp
src/preproc/grn/hgraph.cpp
src/preproc/grn/hpoint.cpp
src/preproc/grn/main.cpp
```

. The `gxditview` output device. It is based on X11's `xditview` program and thus has the X license.

```
src/devices/xditview/DESC.in
src/devices/xditview/Dvi.c
src/devices/xditview/Dvi.h
src/devices/xditview/DviP.h
src/devices/xditview/FontMap
src/devices/xditview/GXditview.ad
src/devices/xditview/Menu.h
src/devices/xditview/ad2c
src/devices/xditview/device.c
src/devices/xditview/device.h
src/devices/xditview/draw.c
src/devices/xditview/font.c
src/devices/xditview/gray1.bm
src/devices/xditview/gray2.bm
src/devices/xditview/gray3.bm
src/devices/xditview/gray4.bm
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src/devices/xditview/gray6.bm
src/devices/xditview/gray7.bm
src/devices/xditview/gray8.bm
src/devices/xditview/gxditview.man
src/devices/xditview/lex.c
src/devices/xditview/page.c
src/devices/xditview/parse.c
src/devices/xditview/xdit.bm
src/devices/xditview/xdit_mask.bm
src/devices/xditview/xditview.c
```

```
src/include/DviChar.h
src/include/XFontName.h
```

```
src/libs/libxutil/DviChar.c
src/libs/libxutil/XFontName.c
```

## Macro Packages

-----

. The `-mdoc` macro set, using the BSD license.

```
tmac/doc.tmac
tmac/doc-old.tmac
tmac/doc-common
tmac/doc-ditroff
tmac/doc-nroff
```

tmac/doc-syms  
tmac/groff\_mdoc.man

. The -me macro set, using the BSD license.

tmac/e.tmac  
tmac/groff\_me.man  
doc/meintro.me  
doc/meintro\_fr.me  
doc/meref.me

## Hyphenation Patterns

-----

. The file ``tmac/hyphen.us'` is identical to the file ``hyphen.tex'`, part of the TeX system written by Donald E. Knuth; the master file can be found at

<ftp://labrea.stanford.edu/pub/tex/dist/lib/hyphen.tex> .

It has been renamed for consistency, i.e., to make patterns available under the filenames ``hyphen.<language>'`, e.g. ``hyphen.de'` or ``hyphen.uk'`.

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. The file ``tmac/hyphen.fr'` contains the same patterns as the file ``frhyph.tex'` (for TeX), which can be found at

<http://dante.ctan.org/CTAN/language/hyphenation/frhyph.tex> .

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. The file ``tmac/hyphen.sv'` is identical to the file ``svhyph.tex'`, which can be found at

<http://dante.ctan.org/CTAN/language/hyphenation/svhyph.tex> .

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. The files ``tmac/hyphen.det'` and ``tmac/hyphen.den'` contain the same patterns as the files ``dehyphn.tex'` and ``dehypht.tex'` (for TeX), which can be found at

<http://dante.ctan.org/CTAN/language/hyphenation/dehyphn.tex>

<http://dante.ctan.org/CTAN/language/hyphenation/dehypht.tex> .

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. The file `tmac/hyphenex.det' is identical to the file `dehyphtex.tex', which can be found at

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. The file `tmac/hyphen.cs' contains the same patterns as the file `czhyphen.tex' (for TeX), which can be found in the archive

<http://dante.ctan.org/CTAN/macros/cstex/base/csplain.tar.gz> .

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EOF

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Version 3, 29 June 2007

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## 1.76 gzip 1.6 :3ubuntu1

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@table @asis

@item GSS-API CFX, SPNEGO, naming extensions, API extensions.

@item KCM credential cache.

@item HDB LDAP backend.

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Fortuna in libhcrypto

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Camellia in libcrypto

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libcrypto

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rijndael-alg-fst.c

@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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kdc/announce.c

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DES core in libcrypto

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D3DES (V5.09) -

A portable, public domain, version of the Data Encryption Standard.

Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge.

Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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Windows support

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lib/hcrypto/test\_dh.c

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## 1.79 hostname 3.16ubuntu2

### 1.79.1 Available under license :

hostname -- set the host name or show the host/domain name

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2009- Michael Meskes <meskes@debian.org>

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## 1.80 icu 55.1 :7

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```
## *-makefile*-
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
```

```

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%. $(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%. $(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'

## Versioned libraries rules

%. $(SO).$(SO_TARGET_VERSION_MAJOR): %. $(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%. $(SO): %. $(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}. $(SO).$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup

```

# 1.81 ifupdown 0.8.10ubuntu1.2

## 1.81.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: ifupdown

Source: <https://anonscm.debian.org/cgit/collab-maint/ifupdown.git>

Files: \*

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## 1.82 init-system-helpers 1.29ubuntu4

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```

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<http://kernel.org/pub/linux/utils/net/iproute2/>

The former upstream was

<http://devresources.linuxfoundation.org/dev/iproute2/download/>

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```

```
<signature of Ty Coon>, 1 April 1989
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Upstream-Name: iptables
Upstream-Contact: Netfilter Developer List <netfilter@vger.kernel.org>
Source: http://ftp.netfilter.org/
```

Files: \*

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## 1.91 isl 0.16.1 :1

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Format: <http://dep.debian.net/deps/dep5>

Upstream-Name: isl

Source: <ftp://ftp.linux.student.kuleuven.be/pub/people/skimo/isl/>

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Source: <http://pkg-isocodes.alioth.debian.org/downloads/>

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# 1.94 json-c 0.11 :3ubuntu1

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: json-c

Upstream-Contact: < michael@metaparadigm.com >

Source: <https://github.com/json-c/json-c/wiki>

Files: \*

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Upstream-Name: json-c

Upstream-Contact: <michael@metaparadigm.com>

Source: <https://github.com/json-c/json-c/wiki>

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Upstream-Name: kbd

Upstream-Contact: kbd@lists.altlinux.org, Alexey Gladkov <gladkov.alexey@gmail.com>

Source: <http://ftp.altlinux.org/pub/people/legion/kbd/>

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src/findfile.c src/getfd.c src/getkeycodes.c src/getunimap.c  
src/kbd\_mode.c src/loadunimap.c src/psffontop.c src/psfxtable.c  
src/resizecons.c src/screendump.c src/setkeycodes.c src/setleds.c  
src/setmetamode.c src/setvesablank.c src/showconsolefont.c  
src/spawn\_console.c src/spawn\_login.c man/man1/chvt.1  
man/man1/deallocvt.1 man/man1/kbd\_mode.1 man/man1/setleds.1  
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<signature of Ty Coon>, 1 April 1989

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## 1.97 keyutils 1.5.9 :8ubuntu1

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Upstream-Name: keyutils

Upstream-Contact: David Howells <dhowells@redhat.com>

Source: <http://people.redhat.com/~dhowells/keyutils/>

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```
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```

```
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---

The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

```
lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
```

lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c  
slave/kproplog.c

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```

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi\_err\_generic.et  
lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c

lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c  
slave/kproplog.c

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## 1.102 libalgorithm-diff-perl 1.19.03 :1

### 1.102.1 Available under license :

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Upstream-Name: Algorithm-Diff

Upstream-Contact: This version released by Tye McQueen (<http://perlmonks.org/?node=tye>).

Source: <http://search.cpan.org/~tyemq/Algorithm-Diff/>

Files: \*

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2008, gregor herrmann <[gregoa@debian.org](mailto:gregoa@debian.org)>

2009, Jonathan Yu <[jawnsy@cpan.org](mailto:jawnsy@cpan.org)>

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# 1.103 libalgorithm-diff-xs-perl 0.04 :2build3

# 1.104 libalgorithm-merge-perl 0.08-2 :2

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

Maintainer: James G. Smith <[jsmith@cpan.org](mailto:jsmith@cpan.org)>

Source: <http://search.cpan.org/dist/Algorithm-Merge/>

Name: Algorithm-Merge

Files: \*

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Source: <https://metacpan.org/release/Authen-SASL>

Upstream-Name: Authen-SASL

Upstream-Contact: Graham Barr <[gbarr@pobox.com](mailto:gbarr@pobox.com)>



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include/bsd/err.h  
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include/bsd/unistd.h  
src/bsd\_getopt.c  
src/err.c  
src/fgetln.c  
src/progname.c

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include/bsd/sys/bitstring.h  
include/bsd/sys/queue.h  
include/bsd/timeconv.h  
include/bsd/vis.h  
man/bitstring.3

man/explicit\_bzero.3  
man/fgetln.3  
man/fgetwln.3  
man/funopen.3bsd  
man/getbsize.3  
man/heapsort.3  
man/nlist.3  
man/queue.3bsd  
man/radixsort.3  
man/reallocarray.3  
man/reallocf.3  
man/setmode.3  
man/strmode.3  
man/strnstr.3  
man/unvis.3  
man/vis.3  
man/wcsncpy.3  
src/getbsize.c  
src/heapsort.c  
src/merge.c  
src/nlist.c  
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man/fmtcheck.3

man/humanize\_number.3

man/stringlist.3

src/fmtcheck.c

src/humanize\_number.c

src/stringlist.c

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man/expand\_number.3

man/closefrom.3

man/flopen.3

man/getpeereid.3

man/pidfile.3

src/expand\_number.c

src/hash/sha512.h

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man/strtonum.3  
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src/arc4random\_openbsd.h  
src/arc4random\_uniform.c  
src/arc4random\_unix.h  
src/closefrom.c  
src/getentropy\_aix.c  
src/getentropy\_bsd.c  
src/getentropy\_hpux.c  
src/getentropy\_hurd.c  
src/getentropy\_linux.c  
src/getentropy\_osx.c  
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include/bsd/stdlib.h  
include/bsd/unistd.h  
src/bsd\_getopt.c  
src/err.c  
src/fgetln.c  
src/progname.c

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include/bsd/sys/bitstring.h  
include/bsd/sys/queue.h  
include/bsd/timeconv.h  
include/bsd/vis.h  
man/bitstring.3  
man/explicit\_bzero.3  
man/fgetln.3  
man/fgetwln.3  
man/funopen.3bsd  
man/getbsize.3  
man/heapsort.3  
man/nlist.3  
man/queue.3bsd  
man/radixsort.3  
man/reallocarray.3  
man/reallocf.3  
man/setmode.3  
man/strmode.3  
man/strnstr.3  
man/unvis.3  
man/vis.3  
man/wcsncpy.3  
src/getbsize.c  
src/heapsort.c  
src/merge.c  
src/nlist.c  
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man/humanize\_number.3  
man/stringlist.3  
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src/humanize\_number.c  
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man/closefrom.3  
man/flopen.3  
man/getpeereid.3  
man/pidfile.3  
src/expand\_number.c  
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man/readpassphrase.3

man/strncpy.3

man/strtonum.3

src/arc4random.c

src/arc4random\_openbsd.h

src/arc4random\_uniform.c

src/arc4random\_unix.h

src/closefrom.c

src/getentropy\_aix.c

src/getentropy\_bsd.c

src/getentropy\_hpux.c

src/getentropy\_hurd.c

src/getentropy\_linux.c

src/getentropy\_osx.c

src/getentropy\_solaris.c

src/readpassphrase.c

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Upstream-Contact: David Oswald <davido@cpan.org>

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## 1.111 libcgi-fast-perl 1:2.10 :1

### 1.111.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Source: <https://metacpan.org/release/CGI-Fast>

Upstream-Contact: Lee Johnson <leejo@cpan.org>

Upstream-Name: CGI-Fast

Files: \*

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Upstream-Name: CGI.pm

Upstream-Contact: Lee Johnson <leejo@cpan.org>

Source: <https://metacpan.org/release/CGI>

Files: \*

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2008, Damyan Ivanov <dmn@debian.org>  
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## 1.113 libcommon-sense-perl 3.74 :1build1

### 1.113.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>  
Upstream-Name: common-sense  
Source: <http://search.cpan.org/dist/common-sense/>  
Upstream-Contact: Marc Lehmann <[schmorp@schmorp.de](mailto:schmorp@schmorp.de)>

Files: \*

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Comment:

From [root@schmorp.de](mailto:root@schmorp.de) Sat Aug 22 13:08:49 2009

Delivered-To: ryan@debian.org  
Received: by 10.140.248.2 with SMTP id v2cs115971rvh;  
Sat, 22 Aug 2009 13:08:50 -0700 (PDT)  
Received: by 10.223.6.23 with SMTP id 23mr1908412fax.89.1250971729199;  
Sat, 22 Aug 2009 13:08:49 -0700 (PDT)  
Return-Path: <root@schmorp.de>  
Received: from mail.nethype.de (mail.nethype.de [78.47.73.129])  
by mx.google.com with ESMTP id 7si5847011fxm.79.2009.08.22.13.08.48;  
Sat, 22 Aug 2009 13:08:49 -0700 (PDT)  
Received-SPF: pass (google.com: domain of root@schmorp.de designates 78.47.73.129 as permitted sender)  
client-ip=78.47.73.129;  
Authentication-Results: mx.google.com; spf=pass (google.com: domain of root@schmorp.de designates  
78.47.73.129 as permitted sender) smtp.mail=root@schmorp.de  
Received: from [10.0.0.5] (helo=doom.schmorp.de)  
by mail.nethype.de with esmtp (Exim 4.69)  
(envelope-from <root@schmorp.de>)  
id 1MewtL-00010L-U3  
for ryan@debian.org; Sat, 22 Aug 2009 20:08:47 +0000  
Received: from [10.0.0.1] (helo=cerebro.laendle)  
by doom.schmorp.de with esmtp (Exim 4.69)  
(envelope-from <root@schmorp.de>)  
id 1MewtL-0004Ft-OK  
for ryan@debian.org; Sat, 22 Aug 2009 20:08:47 +0000  
Received: from root by cerebro.laendle with local (Exim 4.69)  
(envelope-from <root@schmorp.de>)  
id 1MewtL-0000wm-Na  
for ryan@debian.org; Sat, 22 Aug 2009 22:08:47 +0200  
Date: Sat, 22 Aug 2009 22:08:47 +0200  
From: Marc Lehmann <schmorp@schmorp.de>  
To: Ryan Niebur <ryan@debian.org>  
Subject: Re: copyright information for Debian for common::sense  
Message-ID: <20090822200847.GB3562@schmorp.de>  
References: <20090820010308.GB14079@jade.home>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline  
In-Reply-To: <20090820010308.GB14079@jade.home>  
X-PGP: "1024D/DA743396 1999-01-26 Marc Alexander Lehmann  
<schmorp@schmorp.de> Key fingerprint = 475A FE9B D1D4 039E  
01AC C217 A1E8 0270 DA74 3396"  
Status: RO  
Content-Length: 961  
Lines: 26

On Wed, Aug 19, 2009 at 06:03:08PM -0700, Ryan Niebur <ryan@debian.org> wrote:  
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> statement I need, I would be very grateful.  
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Upstream-Name: Crypt-Random-Seed

Source: <https://metacpan.org/release/Crypt-Random-Seed/>

Upstream-Contact: Dana A Jacobsen <dana@acm.org>

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```
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```

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

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<signature of Ty Coon>, 1 April 1989  
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Upstream-Name: Crypt-SSLey

Upstream-Contact: A. Sinan Unur <[nanis@cpan.org](mailto:nanis@cpan.org)>

Source: <https://metacpan.org/release/Crypt-SSLey>

Files: \*

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1999-2003, Joshua Chamas

1998, Gisle Aas

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Files: inc/IO/Interactive/Tiny.pm

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2012-2015, gregor herrmann <gregoa@debian.org>

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## 1.116 libcurses-perl 1.33 :1build1

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Upstream-Name: Curses

Upstream-Contact: William Setzer <William\_Setzer@ncsu.edu>

Source: <https://metacpan.org/release/Curses>

Files: \*

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Files: CursesFunWide.c

CursesWide.c

Copyright: April 2014, Edgar Fu,

Mathematisches Institut der Universitt Bonn,

<ef@math.uni-bonn.de>

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Files: ppport.h

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

```
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```

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```
Gnomovision version 69, Copyright (C) 19xx 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.
```

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

That's all there is to it!

## 1.117 libcurses-ui-perl 0.9609 :1

### 1.117.1 Available under license :

Format-Specification: <http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?view=markup&pathrev=135>

Maintainer: Shawn Boyette C<< <mdxi@cpan.org> >>

Source: <http://search.cpan.org/dist/Curses-UI/>

Name: Curses-UI

Files: \*

Copyright: 2001-2002, Maurice Makaay

2003-2006, Marcus Thiesen

2007-2008, Shawn Boyette

License: Artistic or GPL-1+

Files: inc/Module/\*

Copyright: 2002-2011, Adam Kennedy <adamk@cpan.org>

2002-2011, Audrey Tang <autrijus@autrijus.org>

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Files: debian/\*

Copyright: 2003-2004, Marc 'HE' Brockschmidt <he@debian.org>

2005, 2006, 2007, 2008, Russ Allbery <rra@debian.org>

2005, Russ Allbery <rra@stanford.edu>

2005-2011, gregor herrmann <gregoa@debian.org>

2008, Gunnar Wolf <gwolf@debian.org>

2008, Roberto C. Sanchez <roberto@debian.org>

2011, Damyan Ivanov <dmn@debian.org>

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### 1.118.1 Available under license :

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

Maintainer: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <http://search.cpan.org/dist/Digest-HMAC/>

Name: Digest-HMAC

Files: \*

Copyright: 1998-2001, Gisle Aas

1998, Graham Barr

License: Artistic or GPL-1+

Files: debian/\*

Copyright: 2001, 2004, Michael Alan Dorman <[mdorman@debian.org](mailto:mdorman@debian.org)>

2004, Matthias Urlichs <[smurf@debian.org](mailto:smurf@debian.org)>

2006, Zak B. Elep <[zakame@sponge.org](mailto:zakame@sponge.org)>

2008, Gunnar Wolf <[gwolf@debian.org](mailto:gwolf@debian.org)>

2006-2010, gregor herrmann <[gregoa@debian.org](mailto:gregoa@debian.org)>

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## 1.119 libdrm 2.4.70 :1~ubuntu16.04.1

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## 1.120 libdumbnet 1.12-4build1

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It was checked out from NetBSD CVS on 2008-06-14.

(CVS\_RSH=ssh CVSROOT=anoncvs@anoncvs.NetBSD.org:/cvsroot cvs checkout -P \$path)

Upstream Author: NetBSD Foundation

Homepage: <http://ftp.netbsd.org/pub/NetBSD/NetBSD-release-5-0/src/lib/libedit/>

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## 1.122 libencode-locale-perl 1.05 :1

### 1.122.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: Encode-Locale

Upstream-Contact: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <https://metacpan.org/release/Encode-Locale>

Files: \*

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## 1.123 libestr0 0.1.10-0 :adiscon1precise1

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## 1.124 libfcgi-perl 0.77 :1build1

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Upstream-Contact: Sven Verdoolaege <skimo@kotnet.org>

Source: <https://metacpan.org/release/FCGI>

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GCC developers

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Upstream-Name: File-FcntlLock

Upstream-Contact: Jens Thoms Toerring <jt@toerring.de>

Source: <https://metacpan.org/release/File-FcntlLock>

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Format-Specification: <http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?view=markup&pathrev=135>

Maintainer: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <http://search.cpan.org/dist/File-Listing/>

Name: File-Listing

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GNUPG Natural Resources Canada 1998-08-11

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Original code for cipher/rfc2268.c.

LIBGCRYPT The Written Word 2005-04-15

Assigns past and future changes. (new: src/libgcript.pc.in, src/Makefile.am, src/secmem.c, mpi/hppa1.1/mpih-mul3.S, mpi/hppa1.1/udiv-qrnd.S, mpi/hppa1.1/mpih-mul2.S, mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c, tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c, tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

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(Added OFB mode. Changed cipher/cipher.c, test/basic.c doc/gcrypt.tex. added SHA-224, changed cipher/sha256.c, added HMAC tests.)

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LIBGCRYPT Ulrich Miller 2012-02-15

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Upstream-Contact: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

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## 1.133 libhtml-parser-perl 3.72 :1

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Upstream-Name: HTML-Parser

Upstream-Contact: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <https://metacpan.org/release/HTML-Parser>

Files: \*

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2002, Ivan Kohler <[ivan-debian@420.am](mailto:ivan-debian@420.am)>

2002, Joey Hess <[joeyh@debian.org](mailto:joeyh@debian.org)>

2003, 2004, 2005, Kenneth J. Pronovici <[pronovic@debian.org](mailto:pronovic@debian.org)>

2005, 2006, 2007, Krzysztof Krzyzaniak (eloy) <[eloy@debian.org](mailto:eloy@debian.org)>

2005, Florian Ragwitz <[rafl@debianforum.de](mailto:rafl@debianforum.de)>

2008, Damyan Ivanov <[dmn@debian.org](mailto:dmn@debian.org)>

2009-2013, Salvatore Bonaccorso <[carnil@debian.org](mailto:carnil@debian.org)>

2009, Rene Mayorga <[rmayorga@debian.org](mailto:rmayorga@debian.org)>

2010, Nicholas Bamber <[nicholas@peript.co.uk](mailto:nicholas@peript.co.uk)>

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## 1.134 libhtml-tagset-perl 3.20 :2

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```
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```

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

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the  
program `Gnomovision' (a program to direct compilers to make passes  
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```

<signature of Ty Coon>, 1 April 1989

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Upstream-Contact: Christopher J. Madsen

Source: <https://metacpan.org/release/HTML-Tree/>

Files: \*

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2005, Florian Ragwitz <[rafl@debianforum.de](mailto:rafl@debianforum.de)>

2010, Ansgar Burchardt <[ansgar@debian.org](mailto:ansgar@debian.org)>

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Upstream-Name: HTTP-Cookies

Upstream-Contact: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <https://metacpan.org/release/HTTP-Cookies>

Files: \*

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Maintainer: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <http://search.cpan.org/dist/HTTP-Daemon/>

Name: HTTP-Daemon

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Source: <https://metacpan.org/release/HTTP-Message>

Upstream-Contact: Karen Etheridge <ether@cpan.org>

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

Maintainer: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <http://search.cpan.org/dist/HTTP-Negotiate/>

Name: HTTP-Negotiate

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Upstream-Contact: Best Practical Solutions, LLC <[modules@bestpractical.com](mailto:modules@bestpractical.com)>

Source: <https://metacpan.org/release/HTTP-Server-Simple>

Files: \*

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Upstream-Name: Libidn

Upstream-Contact: Simon Josefsson <simon@josefsson.org>

Source: <https://www.gnu.org/software/libidn/>

Files: \*

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Upstream-Contact: Christopher J. Madsen <perl@cjmweb.net>

Source: <http://search.cpan.org/dist/IO-HTML/>  
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```

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```
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```

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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  
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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the  
program `Gnomovision' (a program to direct compilers to make passes  
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```

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

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# 1.144 libio-socket-inet6-perl 2.72 :2

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Upstream-Name: IO-Socket-INET6

Upstream-Contact: Shlomi Fish <shlomif@iglu.org.il>

Source: <https://metacpan.org/release/IO-Socket-INET6>

Files: \*

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# 1.145 libio-socket-ssl-perl 2.024 :1

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: IO-Socket-SSL

Upstream-Contact: Steffen Ullrich <Steffen\_Ullrich@genua.de>

Peter Behrooz <behrooz@fas.harvard.edu>

Marko Asplund <marko.asplund@kronodoc.fi>

Source: <https://metacpan.org/release/IO-Socket-SSL>

Files: \*

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Files: debian/\*

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2008-2014, gregor herrmann <gregoa@debian.org>

2008, Mark Hymers <mhy@debian.org>

2008, Rene Mayorga <rmayorga@debian.org.sv>

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2009-2016, Salvatore Bonaccorso <carnil@debian.org>

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# 1.146 libjson-any-perl 1.39 :1

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Upstream-Name: JSON-Any

Upstream-Contact: Karen Etheridge <ether@cpan.org>

Source: <https://metacpan.org/release/JSON-Any>

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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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at assemblers) written by James Hacker.
```

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

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Upstream-Name: JSON

Source: <https://metacpan.org/release/JSON>

Upstream-Contact: Makamaka Hannyaharamitu, <makamaka[at]cpan.org>

Files: \*

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2010, Krzysztof Krzyaniak (eloy) <eloy@debian.org>

2010-2015, gregor herrmann <gregoa@debian.org>

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Upstream-Name: JSON-XS

Upstream-Contact: Marc Lehmann <schmorp@schmorp.de> <http://home.schmorp.de/>

Source: <https://metacpan.org/release/JSON-XS>

Files: \*

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2009, Ryan Niebur <ryanryan52@gmail.com>  
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Upstream-Contact: Phillip Vandry <vandry@TZoNE.ORG>

Source: <https://metacpan.org/release/gettext>

Files: \*

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## 1.150 liblwp-mediatypes-perl 6.02 :1

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Format-Specification: <http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?view=markup&pathrev=135>

Maintainer: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <http://search.cpan.org/dist/LWP-MediaTypes/>

Name: LWP-MediaTypes

Files: \*

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Upstream-Contact: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <https://metacpan.org/release/LWP-Protocol-https>

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Package: libmailtools-perl (originally "mailtools")

Upstream Author: Graham Barr <[Graham.Barr@tiuk.ti.com](mailto:Graham.Barr@tiuk.ti.com)>

Upstream Maintainer: Mark Overmeer <[mailtools@overmeer.net](mailto:mailtools@overmeer.net)>

Download URL:

<http://search.cpan.org/~markov/MailTools-1.74/>

Debianised:

Originally: Michael Alan Dorman <mdorman@debian.org>

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## 1.154 libmath-random-isaac-xs-perl 1.004

### :2build1

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Upstream-Name: Math-Random-ISAAC-XS

Upstream-Contact: Jonathan Yu <jawnsy@cpan.org>

Source: <https://metacpan.org/release/Math-Random-ISAAC-XS>

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# 1.155 libmnl 1.0.3 :3ubuntu1

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src/libnet\_write.c  
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src/libnet\_link\_none.c  
src/libnet\_link\_pf.c  
src/libnet\_link\_snoop.c  
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Upstream-Contact: net-dns-users@nlnetlabs.nl

Source: <https://metacpan.org/release/Net-DNS>

Upstream-Name: Net-DNS

Files: \*

Copyright: Willem Toorop <willem@nlnetlabs.nl>

Olaf Kolkman <olaf@net-dns.org>

Michael Fuhr <mike@fuhr.org>

Chris Reinhardt <ctriv@net-dns.org>

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Files: netdns.c netdns.h

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# 1.159 libnet-http-perl 6.09 :1

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Upstream-Name: Net-HTTP

Upstream-Contact: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <https://metacpan.org/release/Net-HTTP>

Files: \*

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Upstream-Name: Net-IP

Source: <http://search.cpan.org/dist/Net-IP/>

Upstream-Contact: Manuel Valente <[manuel.valente@gmail.com](mailto:manuel.valente@gmail.com)>

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Upstream-Contact: David Muir Sharnoff <[muir@idiom.org](mailto:muir@idiom.org)>

Source: <https://metacpan.org/release/Net-Netmask>

git://github.com/muir/Net-Netmask

Files: \*

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Files: debian/rules

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Upstream-Name: FIXME

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Files: Changes

MANIFEST

META.json

META.yml

Makefile.PL

debian/README.source

debian/compat

debian/control

debian/control.in

debian/gbp.conf

debian/source/format

debian/source/lintian-overrides  
debian/watch  
t/badnets.t  
t/netmasks.t  
t/sortspeed-blocks.t  
t/sortspeed-ip.t  
Copyright: \*No copyright\*  
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Files: README  
lib/Net/Netmask.pod  
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FIXME

Files: debian/rules  
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## 1.162 libnet-smtp-ssl-perl 1.03 :1

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Upstream-Contact: Ricardo SIGNES <rjbs@cpan.org>  
Source: <https://metacpan.org/release/Net-SMTP-SSL>

Files: \*  
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Upstream-Name: Net-SSLeay

Upstream-Contact: Florian Ragwitz <rafl@debian.org>

Mike McCauley <mikem@airspayce.com>

Source: <https://metacpan.org/release/Net-SSLeay>

Files: \*

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2005-2006, Florian Ragwitz <rafl@debian.org>

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Comment:

From README and lib/Net/SSLeay.pod:

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the excellent OpenSSL library, which this Perl package uses.

Files: pport.h

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2001, Paul Marquess <pmqs@cpan.org> (Version 2.x)

1999, Kenneth Albanowski <kjahds@kjahds.com> (Version 1.x)

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Files: inc/Module/\*

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2008, Niko Tyni <ntyni@debian.org>

2008, Damyan Ivanov <dmn@debian.org>

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## 1.164 libnfnetlink 1.0.1-2 :2

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The packaging is based on Michael Biebl's <biebl@teco.edu> original packaging of libnl1.

It was downloaded from <https://github.com/thom311/libnl/releases>

Upstream Author:

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Copyright:

lib/route/addr.c

include/netlink/route/addr.h

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Baruch Even <baruch@ev-en.org>

lib/route/cls/u32.c

lib/route/cls/fw.c

lib/route/sch/htb.c

include/netlink/route/cls/fw.h

include/netlink/route/sch/htb.h

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lib/netfilter/log\_msg.c  
lib/netfilter/ct.c  
include/netlink/netfilter/log\_msg.h  
include/netlink/netfilter/log.h  
lib/netfilter/log\_obj.c

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include/netlink/netfilter/queue\_msg.h  
lib/netfilter/queue\_msg\_obj.c  
lib/netfilter/queue\_msg.c  
lib/netfilter/queue.c  
lib/netfilter/netfilter.c  
lib/netfilter/queue\_obj.c  
include/netlink/netfilter/netfilter.h  
include/netlink/netfilter/queue.h  
src/nf-queue.c

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include/netlink/xfrm/selector.h  
include/netlink/xfrm/sa.h  
include/netlink/xfrm/ae.h  
include/netlink/xfrm/sp.h  
include/netlink/xfrm/template.h  
include/netlink/xfrm/lifetime.h  
lib/xfrm/sa.c  
lib/xfrm/template.c  
lib/xfrm/ae.c  
lib/xfrm/sp.c  
lib/xfrm/selector.c  
lib/xfrm/lifetime.c

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src/nl-addr-add.c  
src/nl-addr-list.c  
src/nl-cls-add.c  
src/cls/utills.c  
src/cls/cgroup.c  
src/cls/utills.h  
src/cls/basic.c  
src/nl-addr-delete.c:

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include/netlink/xfrm/selector.h  
include/netlink/xfrm/sa.h  
include/netlink/xfrm/ae.h  
include/netlink/xfrm/sp.h  
include/netlink/xfrm/template.h  
include/netlink/xfrm/lifetime.h  
lib/xfrm/sa.c  
lib/xfrm/template.c  
lib/xfrm/ae.c  
lib/xfrm/sp.c  
lib/xfrm/selector.c  
lib/xfrm/lifetime.c

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Version 2.1, February 1999

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## 1.167 libpcap 1.7.4 :2

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+ Anand Kumria <wildfire@progsoc.org>  
+ Torsten Landschoff <torsten@debian.org>

It was downloaded from <http://tcpdump.org/release/libpcap-0.8.3.tar.gz>

Upstream Authors: [tcpdump-workers@tcpdump.org](mailto:tcpdump-workers@tcpdump.org)

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November 12, 2015

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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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"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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# 1.171 libselinux 2.4 :3build2

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This package was debianized by Colin Walters <walters@debian.org> on  
Thu, 3 Jul 2003 17:10:57 -0400.

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# 1.172 libsemanage 2.3 :1build2

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arch-tag: d4250e44-a0e0-4ee0-adb9-2bd74f6eeb27

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

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

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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- 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

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

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

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

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

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

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

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

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library

facilities. This must be distributed under the terms of the Sections above.

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

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## 1.173 libsepol 2.4 :2

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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.

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

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

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

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

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## 1.174 libsocket6-perl 0.25-1 :1

### 1.174.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: Socket6

Upstream-Contact: Hajimu UMEMOTO <ume@mahoroba.org>

Source: <https://metacpan.org/release/Socket6>

Files: \*

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Comment: Socket6.pm and Socket6.xs are based on perl5.005\_55-v6-19990721 written by KAME Project

Files: gai.h getaddrinfo.c getnameinfo.c

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Comment: gai.h, getaddrinfo.c and getnameinfo.c are based on ssh-1.2.27-IPv6-1.5  
written by KIKUCHI Takahiro <kick@kyoto.wide.ad.jp>.

Files: inet\_ntop.c inet\_pton.c

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Files: debian/\*

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Matthias Urlichs <smurf@debian.org>.

It is now maintained by Andreas Metzler <ametzler@debian.org>, Eric Dorland <eric@debian.org> and James Westby <jw+debian@jameswestby.net>

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Upstream Authors: Fabio Fiorina <fiorinaf@gnutls.org>  
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## 1.176 libterm-readkey-perl 2.33 :1build1

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Source: <https://metacpan.org/release/TermReadKey>

Upstream-Contact: Jonathan Stowe <[jns@gellyfish.co.uk](mailto:jns@gellyfish.co.uk)>

Upstream-Name: TermReadKey

Files: \*

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2001-2015, Jonathan Stowe

License: termreadkey or Artistic or GPL-1+

Files: ppport.h

Copyright: 2004-2013, Marcus Holland-Moritz <[mhx-cpan@gmx.net](mailto:mhx-cpan@gmx.net)>

2001, Paul Marquess <[pmqs@cpan.org](mailto:pmqs@cpan.org)> (Version 2.x)

1999, Kenneth Albanowski <[kjahds@kjahds.com](mailto:kjahds@kjahds.com)> (Version 1.x)

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Files: debian/\*

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2001, Raphael Hertzog <[hertzog@debian.org](mailto:hertzog@debian.org)>

2002, Joerg Jaspert <[joerg@debian.org](mailto:joerg@debian.org)>

2002, Josselin Mouette <[joss@debian.org](mailto:joss@debian.org)>

2005, 2006, Gunnar Wolf <[gwolf@debian.org](mailto:gwolf@debian.org)>



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## 1.177 libtest-differences-perl 0.64 :1

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Upstream-Name: Test-Differences  
Upstream-Contact: David Cantrell <david@cantrell.org.uk>  
Source: <https://metacpan.org/release/Test-Differences>

Files: \*  
Copyright:  
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2009, Ignace Mouzannar <mouzannar@gmail.com>  
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## 1.178 libtest-json-perl 0.11 :2

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Upstream-Name: Test-JSON

Upstream-Contact: Curtis "Ovid" Poe <ovid@cpan.org>

Source: <https://metacpan.org/release/Test-JSON>

Files: \*

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# 1.179 libtext-charwidth-perl 0.04-7build3 :7build3

## 1.179.1 Available under license :

This package was debianized by Tomohiro KUBOTA <kubota@debian.org> on  
Thu, 19 Jun 2003 17:48:05 +0900.

It was downloaded from <http://www.cpan.org/modules/by-module/Text/Text-CharWidth-<version>.tar.gz>

Upstream Author: Tomohiro KUBOTA <kubota@debian.org>

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# 1.180 libtext-diff-perl 1.43 :1

## 1.180.1 Available under license :

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Upstream-Name: Text-Diff

Upstream-Contact: Adam Kennedy <adamk@cpan.org>

Source: <https://metacpan.org/release/Text-Diff>

Files: \*

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Files: lib/Text/Diff/Config.pm

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# 1.182 libtext-iconv-perl 1.7 :5build1

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# 1.183 libtext-wrapi18n-perl 0.06-7 :7

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# 1.184 libtimedate-perl 2.3000-1 :1

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Upstream-Name: TimeDate

Upstream-Contact: Graham Barr <gbarr@pobox.com>

Source: <https://metacpan.org/release/TimeDate/>

Files: \*

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Source: <https://metacpan.org/release/Types-Serialiser>

Upstream-Contact: Marc Lehmann <[schmorp@schmorp.de](mailto:schmorp@schmorp.de)>

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

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```
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```

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

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## 1.187 libusb 0.1.12 :20

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Version 2.1, February 1999

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## 1.189 libwww-perl 6.15 :1



## 1.189.1 Available under license :

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Upstream-Contact: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <https://metacpan.org/release/libwww-perl>

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```
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```

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```
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```

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Ty Coon, President of Vice
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## 1.190 libwww-robotrules-perl 6.01 :1

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

Maintainer: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <http://search.cpan.org/dist/WWW-RobotRules/>

Name: WWW-RobotRules

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It was downloaded from <http://www.lm-sensors.org/>

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That's all there is to it!

Here is a list of the main contributors to lm-sensors version 3.

- \* Frodo Looijaard  
Original author of libsensors, sensors-detect, sensors and isadump.
- \* Merlin Hughes  
Original author of sensord.
- \* Bob Schlaermann  
Dynamic chip feature detection (a.k.a. generic chip support) in libsensors and sensors.

\* Mark M. Hoffman

Many improvements to the libsensors configuration file scanner.

\* Jean Delvare

New libsensors API, and migration of sensors and sensorid thereto.

Many optimizations in libsensors and sensors.

Configuration file converter.

Rewrite of sensors-detect.

Support for multiple configuration files in libsensors.

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## 1.203 Isof 4.89+dfsg :0.1

### 1.203.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: Isof

Upstream-Contact: <https://lists.rcac.purdue.edu/listinfo/Isof-l>

Source: <ftp://Isof.itap.purdue.edu/pub/tools/unix/Isof/>

Comment: The following changes were made to the upstream tarball:

- 1.) The directory `dialects/uw` was removed for being non-DFSG and not needed in Debian.
- 2.) The main source was a tarball within a tarball. Only the innermost tarball has been retained.
- 3.) The top-level directory has been stripped away as it embedded the version number making packaging more difficult.

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Files: scripts/sort\_res.perl5

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: lz4

Source: <https://github.com/Cyan4973/lz4>

Files: lib/\*

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Files: ./examples/blockStreaming\_lineByLine.c

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```

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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## 1.207 make-dfsg 4.1 :6

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

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

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

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

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Version 3, 29 June 2007

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Upstream-Name: man-db

Upstream-Contact: Colin Watson <[cjwatson@debian.org](mailto:cjwatson@debian.org)>

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```
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```

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<signature of Ty Coon>, 1 April 1989
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## 1.210 manpages 4.04 :2

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Upstream-Contact: Michael Kerrisk <mtk.manpages@gmail.com>, linux-man@vger.kernel.org

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man3/STAILQ\_NEXT.3 man3/STAILQ\_PREV.3 man3/STAILQ\_REMOVE.3

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man2/recv.2 man2/recvfrom.2 man2/recvmsg.2 man2/send.2 man2/sendmsg.2  
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man3/ptsname\_r.3 man3/stderr.3 man3/stdin.3 man3/stdout.3  
man3/unlockpt.3 man5/tzfile.5 man7/vdso.7 man8/ld-linux.8  
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Files: man1/intro.1 man1/locale.1 man1/pldd.1 man1/sprof.1 man2/\_Exit.2  
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man2/access.2 man2/alarm.2 man2/alloc\_hugepages.2 man2/arch\_prctl.2  
man2/arm\_fadvise.2 man2/arm\_fadvise64\_64.2 man2/arm\_sync\_file\_range.2  
man2/bpf.2 man2/chdir.2 man2/chmod.2 man2/chown.2 man2/chown32.2  
man2/chroot.2 man2/clock\_getres.2 man2/clock\_gettime.2  
man2/clock\_nanosleep.2 man2/clock\_settime.2 man2/close.2 man2/creat.2  
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man2/execveat.2 man2/exit.2 man2/exit\_group.2 man2/faccessat.2  
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man2/get\_robust\_list.2 man2/getcontext.2 man2/getcpu.2 man2/getcwd.2  
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man2/msgop.2 man2/msgrcv.2 man2/msgsnd.2 man2/msync.2 man2/munmap.2

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## 1.211 mawk 1.3.3

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```
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## 1.212 mime-support 3.59ubuntu1

### 1.212.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Source: <git://anonscm.debian.org/collab-maint/mime-support.git>

Files: \*

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Files: mailcap.man

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Comment: Author: Nathaniel S. Borenstein



# 1.213 mingetty 1.08 :2

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Upstream-Name: mingetty

Upstream-Contact: Florian La Roche <laroche@redhat.com>

Source: <http://sourceforge.net/projects/mingetty/>

Files: \*

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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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## 1.221 ncurses 6.0+20160213 :1ubuntu1

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It is based somewhat on work done by Bruce Perens <Bruce@Pixar.com>, David Engel <david@elo.ods.com>. Michael Alan Dorman <mdorman@debian.org>, Richard Braakman <dark@xs4all.nl>, James Troup <jjtroup@comp.brad.ac.uk>, J.H.M. Dassen (Ray) <jdassen@wi.LeidenUniv.nl>, and Galen Hazelwood <galenh@micron.net> over various years.

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Current ncurses maintainer: Thomas Dickey <[dickey@invisible-island.net](mailto:dickey@invisible-island.net)>

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Files: progs/tset.c ncurses/tinfo/read\_termcap.c

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-- vile:txtmode fc=72

-- \$Id: COPYING,v 1.4 2016/01/02 20:24:37 tom Exp \$

## 1.222 net-tools 1.60 :25ubuntu2.1

### 1.222.1 Available under license :

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Upstream-Name: netkit-ftp

Upstream-Contact: (extinct)

Source: <ftp://ftp.uk.linux.org/pub/linux/Networking/netkit/>

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X-Comment: This package was split from netstd by Herbert Xu

<herbert@debian.org> on Fri, 18 Jun 1999 21:41:52 +1000.

X-Comment: netstd was created by Peter Tobias

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Files: debian/patches/040\_ipv6\_ftp\_c.diff

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## 1.227 nettle 3.2 :1

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Upstream-Name: Nettle

Upstream-Contact: Niels Miller <nisse@lysator.liu.se>

Source: <http://www.lysator.liu.se/~nisse/nettle/>

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A list of the supported algorithms, their origins and licenses (from the manual):

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#### AES

The implementation of the AES cipher (also known as rijndael) is written by Rafael Sevilla. Assembler for x86 by Rafael Sevilla and Niels Miller, Sparc assembler by Niels Miller. Released under the LGPL.

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#### ARCFOUR

The implementation of the ARCFOUR (also known as RC4) cipher is written by Niels Miller. Released under the LGPL.

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The implementation of the ARCTWO (also known as RC2) cipher is written by Nikos Mavroyanopoulos and modified by Werner Koch and Simon Josefsson. Released under the LGPL.

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## CAMELLIA

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## CAST128

The implementation of the CAST128 cipher is written by Steve Reid. Released into the public domain.

## DES

The implementation of the DES cipher is written by Dana L. How, and released under the LGPL.

## MD2

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## MD4

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## MD5

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## SHA1

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## SHA224, SHA256, SHA384, and SHA512

Written by Niels Mller, using Peter Gutmann's SHA1 code as a model. Released under the LGPL.

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## TWOFISH

The implementation of the TWOFISH cipher is written by Ruud de Rooij. Released under the LGPL.

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## RSA

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## DSA

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

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```
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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```
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```

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

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Version 3, 29 June 2007

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```
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The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

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## 1.228 newt 0.52.18 :1ubuntu2

### 1.228.1 Available under license :

This is the Debian version of the newt library.  
newt was written by Erik Troan <[ewt@redhat.com](mailto:ewt@redhat.com)>.

The original package was put together by Enrique Zanardi <[ezanard@debian.org](mailto:ezanard@debian.org)>, from sources obtained from:  
<ftp://ftp.redhat.com/pub/redhat/redhat-7.0-en/os/i386/SRPMS/newt-0.50.17-1.src.rpm>  
Recent upstream versions can be found at: <http://fedora.redhat.com/>

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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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## 1.229 nginx 1.10.0 :0ubuntu0.16.04.4

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Upstream-Contact: [open-vm-tools-devel@lists.sourceforge.net](mailto:open-vm-tools-devel@lists.sourceforge.net)

Source: <http://sourceforge.net/projects/open-vm-tools/files/>

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Files:

services/plugins/resolutionSet/libvmwarectrl.h

services/plugins/resolutionSet/vmwarectrlproto.h

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```
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Open-vm-tools v10.0.7

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```
>>> base64.c-none
>>> convertutf.c/h from unicode, inc.-none
>>> freebsd-1.72
>>> icu4c-4.4.1
>>> unicode-5.0
```

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>>> base64.c-none

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

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

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>>> convertutf.c/.h from unicode, inc.-none

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>>> icu4c-4.4.1

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>>> unicode-5.0

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Date: Fri, 6 Jun 2003 10:18:52 -0700

From: Juan Gomez <juang@us.ibm.com>

To: Stephen Frost <sfrost@debian.org>

X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999

Subject: Re: Juan C. Gomez license in OpenLDAP Source

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To: Stephen Frost <sfrost@debian.org>  
Subject: Re: Mark Adamson license in OpenLDAP source

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- \* From: "Kurt D. Zeilenga" <[Kurt@OpenLDAP.org](mailto:Kurt@OpenLDAP.org)>
- \* Date: Wed, 28 May 2003 10:55:44 -0700
- \* Cc: Steve Langasek <[vorlon@netexpress.net](mailto:vorlon@netexpress.net)>, [debian-legal@lists.debian.org](mailto:debian-legal@lists.debian.org), [openldap-devel@OpenLDAP.org](mailto:openldap-devel@OpenLDAP.org)
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# 1.233 openssh 1:7.2p2 :4ubuntu1

## 1.233.1 Available under license :

This package contains a Gnome based implementation of ssh-askpass written by Damien Miller.

It is split out from the main package to isolate the dependency on the Gnome and X11 libraries.

It was packaged for Debian by Philip Hands <phil@hands.com>.

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```
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**
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The Debian-specific parts of the package were initially derived from the original ssh package, which has since been renamed as ssh-nonfree.

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- GMP is no longer used, and instead we call BN code from OpenSSL

- Zlib is now external, in a library

- The make-ssh-known-hosts script is no longer included

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- MD5 is now external, in the OpenSSL library

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Upstream-Name: p11-kit  
Source: <http://p11-glue.freedesktop.org/p11-kit.html>

Files: \*  
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Files: p11-kit/conf.\* p11-kit/modules.c p11-kit/proxy.c  
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trust/oid.c trust/oid.h  
trust/pem.c trust/pem.h common/argv.c common/argv.h common/pkcs11x.h  
common/pkcs11i.h  
common/test-constants.c common/test-hash.c  
p11-kit/pkcs11.h p11-kit/test-managed.c p11-kit/test-modules.c  
trust/builder.c  
trust/builder.h trust/digest.h trust/module.c trust/module.h trust/pem.c  
trust/pem.h trust/oid.c trust/oid.h trust/parser.h  
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trust/test-trust.h trust/x509.c trust/x509.h p11-kit/frob-setuid.c

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p11-kit/test-log.c trust/anchor.c trust/anchor.h  
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## 1.239 patch 2.7.5 :1

## 1.239.1 Available under license :

This is Debian's prepackaged version of patch, Larry Wall's program that allows you to apply diffs to a file automagically.

The current maintainer for this package is Laszlo Boszormenyi (GCS) <gcs@debian.org>.

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The upstream source is available at 'ftp://ftp.gnu.org/gnu/patch/', resp. 'ftp://alpha.gnu.org/gnu/diffutils/'.

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## 1.240 pciutils 1:3.3.1 :1.1ubuntu1

### 1.240.1 Available under license :

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## 1.241 pcre3 2:8.38 :3.1

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This is Debian GNU/Linux's prepackaged version of the PCRE regular expression library and associated `pgrep` utility.

This package was put together by me, Mark Baker <mbaker@iee.org> from the original sources obtained from `ftp.csx.cam.ac.uk:/pub/software/programming/pcre`.

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Written by: Philip Hazel  
Email local part: ph10  
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## 1.242 perl 5.22.1 :9

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```
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Copyright (C) 19yy <name of author>
```

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```
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```
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program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

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

That's all there is to it!

-----

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Julian Seward, jseward@bzip.org  
bzip2/libbzip2 version 1.0.6 of 6 September 2010

-----  
/\* 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

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).

\*/

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

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Upstream Authors:

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dist/ExtUtils-Manifest/\*

dist/I18N-Collate/\*

dist/if/\*

dist/Safe/\*

ext/Fcntl/\*

ext/FileCache/\*

ext/GDBM\_File/\*

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ext/IPC-Open3/\*

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```
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```
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```

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## 1.245 popt 1.16 :7ubuntu3

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# 1.249 Python 2.7.12-1ubuntu0~16.04.1

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#### A. HISTORY OF THE SOFTWARE

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

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

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

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

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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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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 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	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
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Source: <http://pypi.python.org/pypi/urllib3>

Files: \*

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# Contributions to the urllib3 project

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## Contributors

In chronological order:

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- \* HTTPS patch (which inspired HTTPSConnectionPool)
  
- \* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>
- \* NTLM-authenticated HTTPSConnectionPool
- \* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)
  
- \* niphlod <niphlod@gmail.com>
- \* Client-verified SSL certificates for HTTPSConnectionPool
- \* Response gzip and deflate encoding support
- \* Better unicode support for filepost using StringIO buffers
  
- \* btoconnor <brian@btoconnor.net>
- \* Non-multipart encoding for POST requests
  
- \* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>
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- \* IPv6 url support and test coverage
  
- \* Shivaram Lingamneni <slingamn@cs.stanford.edu>
- \* Support for explicitly closing pooled connections
  
- \* hartator <hartator@gmail.com>

- \* Corrected multipart behavior for params
  
- \* Thomas Weischuh <thomas@t-8ch.de>
  - \* Support for TLS SNI
  - \* API unification of ssl\_version/cert\_reqs
  - \* SSL fingerprint and alternative hostname verification
  - \* Bugfixes in testsuite
  
- \* Sune Kirkeby <mig@ibofobi.dk>
  - \* Optional SNI-support for Python 2 via PyOpenSSL.
  
- \* Marc Schlaich <marc.schlaich@gmail.com>
  - \* Various bugfixes and test improvements.
  
- \* Bryce Boe <bbzbryce@gmail.com>
  - \* Correct six.moves conflict
  - \* Fixed pickle support of some exceptions
  
- \* Boris Figovsky <boris.figovsky@ravellosystems.com>
  - \* Allowed to skip SSL hostname verification
  
- \* Cory Benfield <http://lukasa.co.uk/about/>
  - \* Stream method for Response objects.
  - \* Return native strings in header values.
  - \* Generate 'Host' header when using proxies.
  
- \* Jason Robinson <jaywink@basshero.org>
  - \* Add missing WrappedSocket.fileno method in PyOpenSSL
  
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  - \* Fixed a race condition
  
- \* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  - \* Added HTTPS (CONNECT) proxy support
  
- \* Stephen Holsapple <sholsapp@gmail.com>
  - \* Added abstraction for granular control of request fields
  
- \* Martin von Gagern <Martin.vGagern@gmx.net>
  - \* Support for non-ASCII header parameters
  
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  - \* Support for separate connect and request timeouts
  
- \* Peter Waller <p@pwaller.net>
  - \* HTTPResponse.tell() for determining amount received over the wire
  
- \* Nipunn Koorapati <nipunn1313@gmail.com>

- \* Ignore default ports when comparing hosts for equality
  
- \* Danilo @dbrgn <<http://dbrgn.ch/>>
  - \* Disabled TLS compression by default on Python 3.2+
  - \* Disabled TLS compression in pyopenssl contrib module
  - \* Configurable cipher suites in pyopenssl contrib module
  
- \* Roman Bogorodskiy <[roman.bogorodskiy@ericsson.com](mailto:roman.bogorodskiy@ericsson.com)>
  - \* Account retries on proxy errors
  
- \* Nicolas Delaby <[nicolas.delaby@ezeep.com](mailto:nicolas.delaby@ezeep.com)>
  - \* Use the platform-specific CA certificate locations
  
- \* Josh Schneier <<https://github.com/jschneier>>
  - \* HTTPHeaderDict and associated tests and docs
  - \* Bugfixes, docs, test coverage
  
- \* Tahia Khan <<http://tahia.tk/>>
  - \* Added Timeout examples in docs
  
- \* Arthur Grunseid <<http://grunseid.com>>
  - \* source\_address support and tests (with <https://github.com/bui>)
  
- \* Ian Cordasco <[graffatcolmingov@gmail.com](mailto:graffatcolmingov@gmail.com)>
  - \* PEP8 Compliance and Linting
  - \* Add ability to pass socket options to an HTTP Connection
  
- \* Erik Tollerud <[erik.tollerud@gmail.com](mailto:erik.tollerud@gmail.com)>
  - \* Support for standard library io module.
  
- \* Krishna Prasad <[kprasad.iitd@gmail.com](mailto:kprasad.iitd@gmail.com)>
  - \* Google App Engine documentation
  
- \* Aaron Meurer <[asmeurer@gmail.com](mailto:asmeurer@gmail.com)>
  - \* Added Url.url, which unparses a Url
  
- \* Evgeny Kapun <[abacabadabacaba@gmail.com](mailto:abacabadabacaba@gmail.com)>
  - \* Bugfixes
  
- \* Benjamin Meyer <[bm\\_witness@yahoo.com](mailto:bm_witness@yahoo.com)>
  - \* Security Warning Documentation update for proper capture
  
- \* Shivan Sornarajah <[github@sornars.com](mailto:github@sornars.com)>
  - \* Support for using ConnectionPool and PoolManager as context managers.
  
- \* Alex Gaynor <[alex.gaynor@gmail.com](mailto:alex.gaynor@gmail.com)>
  - \* Updates to the default SSL configuration

- \* Tomas Tomecek <tomecek@redhat.com>
- \* Implemented generator for getting chunks from chunked responses.
  
- \* tlynn <https://github.com/tlynn>
- \* Respect the warning preferences at import.
  
- \* David D. Riddle <ddriddle@illinois.edu>
- \* IPv6 bugfixes in testsuite
  
- \* Jon Wayne Parrott <jonwayne@google.com>
- \* App Engine environment tests.
  
- \* John Krauss <https://github.com/talos>
- \* Clues to debugging problems with `cryptography` dependency in docs
  
- \* Disassem <https://github.com/Disassem>
- \* Fix pool-default headers not applying for url-encoded requests like GET.
  
- \* James Atherfold <jlatherfold@hotmail.com>
- \* Bugfixes relating to cleanup of connections during errors.
  
- \* Christian Pedersen <https://github.com/chripede>
- \* IPv6 HTTPS proxy bugfix
  
- \* Jordan Moldow <https://github.com/jmoldow>
- \* Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
  
- \* Predrag Gruevski <https://github.com/obi1kenobi>
- \* Made cert digest comparison use a constant-time algorithm.
  
- \* Adam Talsma <https://github.com/a-tal>
- \* Bugfix to ca\_cert file paths.
  
- \* Evan Meagher <https://evanmeagher.net>
- \* Bugfix related to `memoryview` usage in PyOpenSSL adapter
  
- \* John Vandenberg <jayvdb@gmail.com>
- \* Python 2.6 fixes; pyflakes and pep8 compliance
  
- \* Andy Caldwell <andy.m.caldwell@googlemail.com>
- \* Bugfix related to reusing connections in indeterminate states.
  
- \* [Your name or handle] <[email or website]>
- \* [Brief summary of your changes]

# 1.252 python3-defaults 3.5.1 :3

## 1.252.1 Available under license :

This is the Debian GNU/Linux prepackaged version of the Python programming language. Python was written by Guido van Rossum <guido@cwi.nl> and others.

This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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

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

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	from			compatible? (1)

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
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py3compile, py3clean and debpython module:

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## 1.253 python3-stdlib-extensions 3.5.1 :1

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It was downloaded from <http://python.org/>, built by extracting the Tk and gdbm extensions from the upstream tarballs.

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1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)

2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	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
2.4	2.3	2004	PSF	yes
2.4.1	2.4.1	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes

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#### A. HISTORY OF THE SOFTWARE

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

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

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

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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
2.2	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
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2.3.4	2.3.3	2004	PSF	yes
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2.4.3	2.4.2	2006	PSF	yes
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2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
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Mersenne Twister

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The `\_random` module includes code based on a download from  
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following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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Any feedback is very welcome.

<http://www.math.keio.ac.jp/matumoto/emt.html>

email: [matumoto@math.keio.ac.jp](mailto:matumoto@math.keio.ac.jp)

## Sockets

-----

The ``socket'` module uses the functions, ``getaddrinfo'`, and ``getnameinfo'`, which are coded in separate source files from the WIDE Project, [`http://www.wide.ad.jp/about/index.html'](http://www.wide.ad.jp/about/index.html).

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Floating point exception control  
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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.

- Arguments more compliant with python standard

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A. HISTORY OF THE SOFTWARE

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

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

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

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

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

Footnotes:

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,

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

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Source: <https://metacpan.org/release/File-Rename>

Upstream-Contact: Robin Barker <RMBarker@cpan.org>

Upstream-Name: File-Rename

Files: \*

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Upstream-Name: requests

Upstream-Contact: Kenneth Reitz <me@kennethreitz.com>

Source: <http://pypi.python.org/pypi/requests>

Files: \*

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## 1.258 resolvconf 1.78ubuntu4

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## 1.259 rsync 3.1.1 :3ubuntu1

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Paul Mackerras' rsync utility.

This package provides the rsync program, which is a replacement  
for rcp that uses the rsync algorithm to transfer only the  
differences between two sets of files.

This package was put together by Philip Hands <phil@hands.com>,  
from sources obtained from:

<http://rsync.samba.org/ftp/rsync/rsync-2.5.4.tar.gz>

The current version was downloaded from:

<http://rsync.samba.org/ftp/rsync/src/rsync-3.1.0.tar.gz>

on 2013-09-30 by Paul Slooman <paul@debian.org> .

The changes were very minimal - merely adding support for the Debian  
package maintenance scheme by adding various debian/\* files.

The only significant change is passing the -4 / -6 options through to ssh.

See the debian/patches/ directory.

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## 1.260 rsyslog 8.16.0 :1ubuntu3

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```
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# 1.261 rtmpdump 2.4+20151223.gitfa8646d :1build1

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## 1.263 sed 4.2.2 :4ubuntu1

### 1.263.1 Available under license :

=====

Test 1.1:101

=====

Testing argument parsing

First type

e1\_11\_1

e1\_11\_1

e1\_11\_2

e1\_11\_2

e1\_11\_3

e1\_11\_3

e1\_11\_4



e1\_11\_4  
e1\_11\_5  
e1\_11\_5  
e1\_11\_6  
e1\_11\_6  
e1\_11\_7  
e1\_11\_7  
e1\_11\_8  
e1\_11\_8  
e1\_11\_9  
e1\_11\_9  
e1\_11\_10  
e1\_11\_10  
e1\_11\_11  
e1\_11\_11  
e1\_11\_12  
e1\_11\_12  
e1\_11\_13  
e1\_11\_13  
e1\_11\_14  
e1\_11\_14

=====

Test 1.2:102

=====

e1\_11\_1  
e1\_11\_2  
e1\_11\_3  
e1\_11\_4  
e1\_11\_5  
e1\_11\_6  
e1\_11\_7  
e1\_11\_8  
e1\_11\_9  
e1\_11\_10  
e1\_11\_11  
e1\_11\_12  
e1\_11\_13  
e1\_11\_14

=====

Test 1.3:103

=====

e1\_11\_1  
e1\_11\_1  
e1\_11\_2  
e1\_11\_2  
e1\_11\_3

e1\_11\_3  
e1\_11\_4  
e1\_11\_4  
e1\_11\_5  
e1\_11\_5  
e1\_11\_6  
e1\_11\_6  
e1\_11\_7  
e1\_11\_7  
e1\_11\_8  
e1\_11\_8  
e1\_11\_9  
e1\_11\_9  
e1\_11\_10  
e1\_11\_10  
e1\_11\_11  
e1\_11\_11  
e1\_11\_12  
e1\_11\_12  
e1\_11\_13  
e1\_11\_13  
e1\_11\_14  
e1\_11\_14

=====

Test 1.4:104

=====

e1\_11\_1  
e1\_11\_2  
e1\_11\_3  
e1\_11\_4  
e1\_11\_5  
e1\_11\_6  
e1\_11\_7  
e1\_11\_8  
e1\_11\_9  
e1\_11\_10  
e1\_11\_11  
e1\_11\_12  
e1\_11\_13  
e1\_11\_14

Second type

=====

Test 1.4.1:105

=====

11\_1  
11\_2

l1\_3  
l1\_4  
l1\_5  
l1\_6  
l1\_7  
l1\_8  
l1\_9  
l1\_10  
l1\_11  
l1\_12  
l1\_13  
l1\_14

=====  
Test 1.5:106  
=====

s1\_l1\_1  
s1\_l1\_1  
s1\_l1\_2  
s1\_l1\_2  
s1\_l1\_3  
s1\_l1\_3  
s1\_l1\_4  
s1\_l1\_4  
s1\_l1\_5  
s1\_l1\_5  
s1\_l1\_6  
s1\_l1\_6  
s1\_l1\_7  
s1\_l1\_7  
s1\_l1\_8  
s1\_l1\_8  
s1\_l1\_9  
s1\_l1\_9  
s1\_l1\_10  
s1\_l1\_10  
s1\_l1\_11  
s1\_l1\_11  
s1\_l1\_12  
s1\_l1\_12  
s1\_l1\_13  
s1\_l1\_13  
s1\_l1\_14  
s1\_l1\_14

=====  
Test 1.6:107  
=====

s1\_11\_1  
s1\_11\_1  
s1\_11\_2  
s1\_11\_2  
s1\_11\_3  
s1\_11\_3  
s1\_11\_4  
s1\_11\_4  
s1\_11\_5  
s1\_11\_5  
s1\_11\_6  
s1\_11\_6  
s1\_11\_7  
s1\_11\_7  
s1\_11\_8  
s1\_11\_8  
s1\_11\_9  
s1\_11\_9  
s1\_11\_10  
s1\_11\_10  
s1\_11\_11  
s1\_11\_11  
s1\_11\_12  
s1\_11\_12  
s1\_11\_13  
s1\_11\_13  
s1\_11\_14  
s1\_11\_14

=====

Test 1.7:108

=====

e1\_11\_1  
e1\_11\_1  
e1\_11\_2  
e1\_11\_2  
e1\_11\_3  
e1\_11\_3  
e1\_11\_4  
e1\_11\_4  
e1\_11\_5  
e1\_11\_5  
e1\_11\_6  
e1\_11\_6  
e1\_11\_7  
e1\_11\_7  
e1\_11\_8  
e1\_11\_8

e1\_11\_9  
e1\_11\_9  
e1\_11\_10  
e1\_11\_10  
e1\_11\_11  
e1\_11\_11  
e1\_11\_12  
e1\_11\_12  
e1\_11\_13  
e1\_11\_13  
e1\_11\_14  
e1\_11\_14

=====

Test 1.8:109

=====

e1\_11\_1  
e1\_11\_1  
e1\_11\_2  
e1\_11\_2  
e1\_11\_3  
e1\_11\_3  
e1\_11\_4  
e1\_11\_4  
e1\_11\_5  
e1\_11\_5  
e1\_11\_6  
e1\_11\_6  
e1\_11\_7  
e1\_11\_7  
e1\_11\_8  
e1\_11\_8  
e1\_11\_9  
e1\_11\_9  
e1\_11\_10  
e1\_11\_10  
e1\_11\_11  
e1\_11\_11  
e1\_11\_12  
e1\_11\_12  
e1\_11\_13  
e1\_11\_13  
e1\_11\_14  
e1\_11\_14

=====

Test 1.9:110

=====

s1\_11\_1  
s1\_11\_2  
s1\_11\_3  
s1\_11\_4  
s1\_11\_5  
s1\_11\_6  
s1\_11\_7  
s1\_11\_8  
s1\_11\_9  
s1\_11\_10  
s1\_11\_11  
s1\_11\_12  
s1\_11\_13  
s1\_11\_14

=====

Test 1.10:111

=====

s1\_11\_1  
s1\_11\_2  
s1\_11\_3  
s1\_11\_4  
s1\_11\_5  
s1\_11\_6  
s1\_11\_7  
s1\_11\_8  
s1\_11\_9  
s1\_11\_10  
s1\_11\_11  
s1\_11\_12  
s1\_11\_13  
s1\_11\_14

=====

Test 1.11:112

=====

e1\_11\_1  
e1\_11\_2  
e1\_11\_3  
e1\_11\_4  
e1\_11\_5  
e1\_11\_6  
e1\_11\_7  
e1\_11\_8  
e1\_11\_9  
e1\_11\_10  
e1\_11\_11  
e1\_11\_12

e1\_11\_13  
e1\_11\_14

=====  
Test 1.12:113

=====  
e1\_11\_1  
e1\_11\_2  
e1\_11\_3  
e1\_11\_4  
e1\_11\_5  
e1\_11\_6  
e1\_11\_7  
e1\_11\_8  
e1\_11\_9  
e1\_11\_10  
e1\_11\_11  
e1\_11\_12  
e1\_11\_13  
e1\_11\_14

=====  
Test 1.13:114

=====  
e1\_11\_1  
e2\_e1\_11\_1  
e2\_e1\_11\_1  
e1\_11\_2  
e2\_e1\_11\_2  
e2\_e1\_11\_2  
e1\_11\_3  
e2\_e1\_11\_3  
e2\_e1\_11\_3  
e1\_11\_4  
e2\_e1\_11\_4  
e2\_e1\_11\_4  
e1\_11\_5  
e2\_e1\_11\_5  
e2\_e1\_11\_5  
e1\_11\_6  
e2\_e1\_11\_6  
e2\_e1\_11\_6  
e1\_11\_7  
e2\_e1\_11\_7  
e2\_e1\_11\_7  
e1\_11\_8  
e2\_e1\_11\_8  
e2\_e1\_11\_8

e1\_11\_9  
e2\_e1\_11\_9  
e2\_e1\_11\_9  
e1\_11\_10  
e2\_e1\_11\_10  
e2\_e1\_11\_10  
e1\_11\_11  
e2\_e1\_11\_11  
e2\_e1\_11\_11  
e1\_11\_12  
e2\_e1\_11\_12  
e2\_e1\_11\_12  
e1\_11\_13  
e2\_e1\_11\_13  
e2\_e1\_11\_13  
e1\_11\_14  
e2\_e1\_11\_14  
e2\_e1\_11\_14

=====

Test 1.14:115

=====

s1\_11\_1  
s2\_s1\_11\_1  
s2\_s1\_11\_1  
s1\_11\_2  
s2\_s1\_11\_2  
s2\_s1\_11\_2  
s1\_11\_3  
s2\_s1\_11\_3  
s2\_s1\_11\_3  
s1\_11\_4  
s2\_s1\_11\_4  
s2\_s1\_11\_4  
s1\_11\_5  
s2\_s1\_11\_5  
s2\_s1\_11\_5  
s1\_11\_6  
s2\_s1\_11\_6  
s2\_s1\_11\_6  
s1\_11\_7  
s2\_s1\_11\_7  
s2\_s1\_11\_7  
s1\_11\_8  
s2\_s1\_11\_8  
s2\_s1\_11\_8  
s1\_11\_9  
s2\_s1\_11\_9



s2\_s1\_11\_9  
s1\_11\_10  
s2\_s1\_11\_10  
s2\_s1\_11\_10  
s1\_11\_11  
s2\_s1\_11\_11  
s2\_s1\_11\_11  
s1\_11\_12  
s2\_s1\_11\_12  
s2\_s1\_11\_12  
s1\_11\_13  
s2\_s1\_11\_13  
s2\_s1\_11\_13  
s1\_11\_14  
s2\_s1\_11\_14  
s2\_s1\_11\_14

=====

Test 1.15:116

=====

e1\_11\_1  
s1\_e1\_11\_1  
s1\_e1\_11\_1  
e1\_11\_2  
s1\_e1\_11\_2  
s1\_e1\_11\_2  
e1\_11\_3  
s1\_e1\_11\_3  
s1\_e1\_11\_3  
e1\_11\_4  
s1\_e1\_11\_4  
s1\_e1\_11\_4  
e1\_11\_5  
s1\_e1\_11\_5  
s1\_e1\_11\_5  
e1\_11\_6  
s1\_e1\_11\_6  
s1\_e1\_11\_6  
e1\_11\_7  
s1\_e1\_11\_7  
s1\_e1\_11\_7  
e1\_11\_8  
s1\_e1\_11\_8  
s1\_e1\_11\_8  
e1\_11\_9  
s1\_e1\_11\_9  
s1\_e1\_11\_9  
e1\_11\_10

s1\_e1\_11\_10  
s1\_e1\_11\_10  
e1\_11\_11  
s1\_e1\_11\_11  
s1\_e1\_11\_11  
e1\_11\_12  
s1\_e1\_11\_12  
s1\_e1\_11\_12  
e1\_11\_13  
s1\_e1\_11\_13  
s1\_e1\_11\_13  
e1\_11\_14  
s1\_e1\_11\_14  
s1\_e1\_11\_14

=====

Test 1.16:117

=====

e1\_11\_1  
e1\_11\_1  
e1\_11\_2  
e1\_11\_2  
e1\_11\_3  
e1\_11\_3  
e1\_11\_4  
e1\_11\_4  
e1\_11\_5  
e1\_11\_5  
e1\_11\_6  
e1\_11\_6  
e1\_11\_7  
e1\_11\_7  
e1\_11\_8  
e1\_11\_8  
e1\_11\_9  
e1\_11\_9  
e1\_11\_10  
e1\_11\_10  
e1\_11\_11  
e1\_11\_11  
e1\_11\_12  
e1\_11\_12  
e1\_11\_13  
e1\_11\_13  
e1\_11\_14  
e1\_11\_14  
e1\_11\_1  
e1\_11\_1

e1\_11\_2  
e1\_11\_2  
e1\_11\_3  
e1\_11\_3  
e1\_11\_4  
e1\_11\_4  
e1\_11\_5  
e1\_11\_5  
e1\_11\_6  
e1\_11\_6  
e1\_11\_7  
e1\_11\_7  
e1\_11\_8  
e1\_11\_8  
e1\_11\_9  
e1\_11\_9  
e1\_11\_10  
e1\_11\_10  
e1\_11\_11  
e1\_11\_11  
e1\_11\_12  
e1\_11\_12  
e1\_11\_13  
e1\_11\_13  
e1\_11\_14  
e1\_11\_14

=====

Test 1.17:118

=====

11\_1  
11\_1  
11\_2  
11\_2  
11\_3  
11\_3  
11\_4  
11\_4  
11\_5  
11\_5  
11\_6  
11\_6  
11\_7  
11\_7  
11\_8  
11\_8  
11\_9  
11\_9

11\_10  
11\_10  
11\_11  
11\_11  
11\_12  
11\_12  
11\_13  
11\_13  
11\_14  
11\_14

=====  
Test 1.18:119

=====  
11\_1  
11\_2  
11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

Testing address ranges

=====  
Test 2.1:120

=====  
11\_4

=====  
Test 2.2:121

=====  
12\_6

=====  
Test 2.3:122

=====  
11\_14

=====  
Test 2.4:123  
=====

12\_9

=====  
Test 2.5:124  
=====

=====  
Test 2.6:125  
=====

12\_9

=====  
Test 2.7:126  
=====

=====  
Test 2.9:127  
=====

11\_7

=====  
Test 2.10:128  
=====

11\_7

=====  
Test 2.11:129  
=====

11\_7

=====  
Test 2.12:130  
=====

11\_1  
11\_2  
11\_3  
11\_4

=====  
Test 2.13:131  
=====

11\_1  
11\_2  
11\_3  
11\_4  
11\_5  
11\_6  
11\_7

11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14  
12\_1  
12\_2  
12\_3  
12\_4  
12\_5  
12\_6  
12\_7  
12\_8  
12\_9

=====

Test 2.14:132

=====

11\_1  
11\_2  
11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14  
12\_1  
12\_2  
12\_3  
12\_4  
12\_5  
12\_6  
12\_7  
12\_8  
12\_9

=====

Test 2.15:133

=====

11\_4

11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14  
12\_1  
12\_2  
12\_3  
12\_4  
12\_5  
12\_6  
12\_7  
12\_8  
12\_9

=====  
Test 2.16:134  
=====

11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14  
12\_1  
12\_2  
12\_3  
12\_4  
12\_5  
12\_6

=====  
Test 2.17:135  
=====

11\_4  
11\_5  
11\_6  
11\_7

11\_8  
11\_9  
11\_10  
11\_14  
12\_1  
12\_2  
12\_3  
12\_4  
12\_5  
12\_6  
12\_7  
12\_8  
12\_9

=====  
Test 2.18:136

=====  
12\_3  
12\_4  
12\_5  
12\_6  
12\_7  
12\_8  
12\_9

=====  
Test 2.19:137

=====  
11\_12

=====  
Test 2.20:138

=====  
11\_7  
Brace and other grouping

=====  
Test 3.1:139

=====  
11\_1  
11\_2  
11\_3  
^11T4\$  
^11T5\$  
^11T6\$  
^11T7\$  
^11T8\$  
^11T9\$



^11T10\$  
^11T11\$  
^11T12\$  
11\_13  
11\_14

=====  
Test 3.2:140

=====  
11\_1  
11\_2  
11\_3  
^11\_4  
^11\_5  
^11\_6\$  
^11\_7\$  
^11T8\$  
^11\_9\$  
^11\_10\$  
^11\_11  
^11\_12  
11\_13  
11\_14

=====  
Test 3.3:141

=====  
^11T1\$  
^11T2\$  
^11T3\$  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
^11T13\$  
^11T14\$

=====  
Test 3.4:142

=====  
^11\_1  
^11\_2  
^11\_3

11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
^11\_13  
^11\_14  
Testing a c d and i commands

=====

Test 4.1:143

=====

before\_il1\_1  
after\_ibefore\_il1\_1  
before\_il1\_2  
after\_ibefore\_il1\_2  
before\_il1\_3  
after\_ibefore\_il1\_3  
before\_il1\_4  
after\_ibefore\_il1\_4  
before\_il1\_5  
after\_ibefore\_il1\_5  
before\_il1\_6  
after\_ibefore\_il1\_6  
before\_il1\_7  
after\_ibefore\_il1\_7  
before\_il1\_8  
after\_ibefore\_il1\_8  
before\_il1\_9  
after\_ibefore\_il1\_9  
before\_il1\_10  
after\_ibefore\_il1\_10  
before\_il1\_11  
after\_ibefore\_il1\_11  
before\_il1\_12  
after\_ibefore\_il1\_12  
before\_il1\_13  
after\_ibefore\_il1\_13  
before\_il1\_14  
after\_ibefore\_il1\_14  
before\_il2\_1  
after\_ibefore\_il2\_1  
before\_il2\_2  
after\_ibefore\_il2\_2

before\_il2\_3  
after\_ibefore\_il2\_3  
before\_il2\_4  
after\_ibefore\_il2\_4  
before\_il2\_5  
after\_ibefore\_il2\_5  
before\_il2\_6  
inserted  
after\_ibefore\_il2\_6  
before\_il2\_7  
after\_ibefore\_il2\_7  
before\_il2\_8  
after\_ibefore\_il2\_8  
before\_il2\_9  
after\_ibefore\_il2\_9

=====

Test 4.2:144

=====

before\_al1\_1  
after\_abefore\_al1\_1  
before\_al1\_2  
after\_abefore\_al1\_2  
before\_al1\_3  
after\_abefore\_al1\_3  
before\_al1\_4  
after\_abefore\_al1\_4  
before\_a5-1211\_5  
after\_abefore\_a5-1211\_5  
appended  
before\_a5-1211\_6  
after\_abefore\_a5-1211\_6  
appended  
before\_a5-1211\_7  
after\_abefore\_a5-1211\_7  
appended  
before\_a5-1211\_8  
after\_abefore\_a5-1211\_8  
appended  
before\_a5-1211\_9  
after\_abefore\_a5-1211\_9  
appended  
before\_a5-1211\_10  
after\_abefore\_a5-1211\_10  
appended  
before\_a5-1211\_11  
after\_abefore\_a5-1211\_11  
appended

before\_a5-1211\_12  
after\_abefore\_a5-1211\_12  
appended  
before\_al1\_13  
after\_abefore\_al1\_13  
before\_al1\_14  
after\_abefore\_al1\_14  
before\_al2\_1  
after\_abefore\_al2\_1  
before\_al2\_2  
after\_abefore\_al2\_2  
before\_al2\_3  
after\_abefore\_al2\_3  
before\_al2\_4  
after\_abefore\_al2\_4  
before\_al2\_5  
after\_abefore\_al2\_5  
before\_al2\_6  
after\_abefore\_al2\_6  
before\_al2\_7  
after\_abefore\_al2\_7  
before\_al2\_8  
after\_abefore\_al2\_8  
before\_al2\_9  
after\_abefore\_al2\_9

=====

Test 4.3:145

=====

^11\_1  
^11\_1\$  
appended  
^11\_2  
^11\_2\$  
appended  
^11\_3  
^11\_3\$  
appended  
^11\_4  
^11\_4\$  
appended  
^11\_5  
^11\_5\$  
appended  
^11\_6  
^11\_6\$  
appended  
^11\_7

^11\_7\$  
appended  
^11\_8  
appended  
^11\_8  
11\_9\$  
^11\_10  
appended  
^11\_10  
11\_11\$  
^11\_12  
^11\_12\$  
appended  
^11\_13  
^11\_13\$  
appended  
^11\_14  
^11\_14\$  
appended  
^12\_1  
^12\_1\$  
^12\_2  
^12\_2\$  
^12\_3  
^12\_3\$  
^12\_4  
^12\_4\$  
^12\_5  
^12\_5\$  
^12\_6  
^12\_6\$  
^12\_7  
^12\_7\$  
^12\_8  
^12\_8\$  
^12\_9  
^12\_9\$

=====

Test 4.4:146

=====

hello  
hello  
hello  
hello  
hello  
hello  
hello

hello  
hello  
hello  
hello  
hello  
hello  
hello

=====  
Test 4.5:147

=====  
hello

=====  
Test 4.6:148

=====  
hello

=====  
Test 4.7:149

=====  
hello

=====  
Test 4.8:150

=====  
Testing labels and branching

=====  
Test 5.1:151

=====  
label2\_11\_1

label3\_label2\_11\_1

label1\_11\_2

label1\_11\_3

label1\_11\_4

label1\_11\_5

label1\_11\_6

label1\_11\_7

label1\_11\_8

label1\_11\_9

label1\_11\_10

label1\_11\_11

label1\_11\_12

label2\_11\_13

label3\_label2\_11\_13

label2\_11\_14

label3\_label2\_11\_14

=====  
Test 5.2:152

=====  
tested l2\_1  
tested l2\_2  
tested l2\_3  
tested l2\_4  
tested l2\_5  
tested l2\_6  
tested l2\_7  
tested l2\_8  
tested l2\_9  
tested l2\_10  
tested l2\_11  
tested l2\_12  
tested l2\_13  
tested l2\_14

=====  
Test 5.3:153

=====  
^l1\_1  
^l1\_1\$  
^l1\_2  
^l1\_2\$  
^l1\_3  
^l1\_3\$  
^l1\_4  
^l1\_4\$  
l1\_5\$  
l1\_6\$  
l1\_7\$  
l1\_8\$

=====  
Test 5.4:154

=====  
^l1\_1\$  
^l1\_2\$  
^l1\_3\$  
^l1\_4\$  
^l1\_5\$  
^l1\_6\$  
^l1\_7\$  
^l1\_8\$  
l1\_9\$  
l1\_10\$

l1\_11\$  
l1\_12\$  
l1\_13\$  
l1\_14\$

=====  
Test 5.5:155

=====  
^l1\_1  
^l1\_2  
^l1\_4  
^l1\_6  
^l1\_8

=====  
Test 5.6:156

=====  
l1\_1  
l1\_2  
l1\_3  
l1\_4  
l1\_5

=====  
Test 5.7:157

=====  
l1\_1  
l1\_2  
l1\_3  
l1\_4  
hello  
l1\_5

=====  
Test 5.8:158

=====  
m1\_1  
m1\_2  
m1\_3  
m1\_4  
m1\_5  
m1\_6  
m1\_7  
m1\_8  
m1\_9  
m1\_10  
m1\_11  
m1\_12



m1\_13  
m1\_14  
Pattern space commands

=====

Test 6.1:159

=====

changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed

=====

Test 6.2:160

=====

11\_1  
11\_2  
11\_3  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====

Test 6.3:161

=====

11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10

11\_11  
11\_12  
11\_13  
11\_14

=====

Test 6.4:162

=====

11\_1  
11\_2  
11\_3  
11\_2  
11\_3  
11\_5  
11\_2  
11\_3  
11\_2  
11\_3  
11\_6  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====

Test 6.5:163

=====

11\_1  
11\_2  
11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====

Test 6.6:164

=====

Testing print and file routines

=====

Test 7.1:165

=====

\001\002\003\004\005\006\a\b\t\$  
\v\fr\016\017\020\021\022\023\024\025\026\027\030\031\032\033\034\  
\035\036\037 !"#\$\$%&'()\*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNPOQRSTUVWXYZ\  
YZ[\]^\_`abcdefghijklmnopqrstuvwxy{|}~\177\200\201\202\203\204\205\  
\206\207\210\211\212\213\214\215\216\217\220\221\222\223\224\225\226\  
\227\230\231\232\233\234\235\236\237\240\241\242\243\244\245\246\247\  
\250\251\252\253\254\255\256\257\260\261\262\263\264\265\266\267\270\  
\271\272\273\274\275\276\277\300\301\302\303\304\305\306\307\310\311\  
\312\313\314\315\316\317\320\321\322\323\324\325\326\327\330\331\332\  
\333\334\335\336\337\340\341\342\343\344\345\346\347\350\351\352\353\  
\354\355\356\357\360\361\362\363\364\365\366\367\370\371\372\373\374\  
\375\376\377\$  
\$

=====

Test 7.2:166

=====

11\_1  
11\_2  
11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14  
15  
12\_1  
16  
12\_2  
17  
12\_3  
18  
12\_4  
19  
12\_5

20  
12\_6  
21  
12\_7  
22  
12\_8  
23  
12\_9

=====

Test 7.3:167

=====

11\_1  
11\_2  
11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

w results

11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12

=====

Test 7.4:168

=====

11\_1  
11\_2  
11\_3  
11\_4  
12\_1  
12\_2  
12\_3

12\_4  
12\_5  
12\_6  
12\_7  
12\_8  
12\_9  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====

Test 7.5:169

=====

11\_1  
11\_2  
11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====

Test 7.6:170

=====

11\_1  
11\_2  
11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10

11\_11  
11\_12  
11\_13  
11\_14

=====  
Test 7.8:171  
=====

Testing substitution commands

=====  
Test 8.1:172  
=====

XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXXXX  
XXXXXX  
XXXXXX  
XXXXXX  
XXXXXX

=====  
Test 8.2:173  
=====

XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXXXX  
XXXXXX  
XXXXXX  
XXXXXX  
XXXXXX

=====

Test 8.3:174

=====

XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX

=====

Test 8.4:175

=====

11\_1  
11\_2  
11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====

Test 8.5:176

=====

11X1  
11X2  
11X3  
11X4  
11X5  
11X6  
11X7  
11X8  
11X9  
11X10

11X11  
11X12  
11X13  
11X14

=====  
Test 8.6:177

=====  
(1)(1)(1)  
(1)(1)(2)  
(1)(1)(3)  
(1)(1)(4)  
(1)(1)(5)  
(1)(1)(6)  
(1)(1)(7)  
(1)(1)(8)  
(1)(1)(9)  
(1)(1)(1)(0)  
(1)(1)(1)(1)  
(1)(1)(1)(2)  
(1)(1)(1)(3)  
(1)(1)(1)(4)

=====  
Test 8.7:178

=====  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)(&)  
(&)(&)(&)(&)(&)  
(&)(&)(&)(&)(&)  
(&)(&)(&)(&)(&)  
(&)(&)(&)(&)(&)

=====  
Test 8.8:179

=====  
x\_x1x11  
x\_x1x12  
x\_x1x13  
x\_x1x14



x\_x1x15  
x\_x1x16  
x\_x1x17  
x\_x1x18  
x\_x1x19  
x\_x1x110  
x\_x1x111  
x\_x1x112  
x\_x1x113  
x\_x1x114

=====

Test 8.9:180

=====

11u0

u1

u21

11u0

u1

u22

11u0

u1

u23

11u0

u1

u24

11u0

u1

u25

11u0

u1

u26

11u0

u1

u27

11u0

u1

u28

11u0

u1

u29

11u0

u1

u210

11u0

u1

u211

11u0

u1  
u212  
l1u0  
u1  
u213  
l1u0  
u1  
u214

=====

Test 8.10:181

=====

l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X0  
l1\_X1  
l1\_X2  
l1\_X3  
l1\_X4

=====

Test 8.11:182

=====

lX\_1  
lX\_2  
lX\_3  
lX\_4  
lX\_5  
lX\_6  
lX\_7  
lX\_8  
lX\_9  
lX\_10  
lX\_11  
lX\_12  
lX\_13  
lX\_14  
s wfile results  
lX\_1  
lX\_2  
lX\_3

IX\_4  
IX\_5  
IX\_6  
IX\_7  
IX\_8  
IX\_9  
IX\_10  
IX\_11  
IX\_12  
IX\_13  
IX\_14

=====  
Test 8.12:183

=====  
IX\_X  
IX\_X  
IX\_X  
IX\_4  
IX\_5  
IX\_6  
IX\_7  
IX\_8  
IX\_9  
IX\_X0  
IX\_XX  
IX\_XX  
IX\_XX  
IX\_X4

=====  
Test 8.13:184

=====  
18\_8  
18\_7  
18\_6  
18\_5  
18\_4  
18\_3  
18\_2  
18\_1  
18\_0  
18\_89  
18\_88  
18\_87  
18\_86  
18\_85

=====  
Test 8.14:185  
=====

18\_8  
18\_7  
18\_6  
18\_5  
18\_4  
18\_3  
18\_2  
18\_1  
18\_0  
18\_89  
18\_88  
18\_87  
18\_86  
18\_85

=====  
Test 8.15:186  
=====

11\_1X11\_2  
11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====  
Test 8.16:187  
=====

eefff  
Xeeff  
XYeff  
XYeYff  
XYeYYf  
XYeYYY  
XYeYYY

=====  
Test 8.17:188

=====

&&&&  
&&&&  
&&&&  
&&&&  
&&&&  
&&&&  
&&&&  
&&&&  
&&&&  
&&&&  
&&&&&  
&&&&&  
&&&&&  
&&&&&  
&&&&&

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Upstream-Name: S-Lang

Upstream-Contact: John E. Davis <davis@space.mit.edu>

Source: <ftp://space.mit.edu/pub/davis/slang>

Comment:

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## 1.274 sudo 1.8.16 :0ubuntu1.1

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Upstream-Contact: sysstat <at> orange.fr

Source: <http://pagesperso-orange.fr/sebastien.godard/>

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The of the start-stop-daemon

- \* A rewrite of the original Debian's start-stop-daemon Perl script
- \* in C (faster - it is executed many times during system startup).
- \*
- \* Written by Marek Michalkiewicz <[marekm@i17linuxb.ists.pwr.wroc.pl](mailto:marekm@i17linuxb.ists.pwr.wroc.pl)>,
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## 1.279 tcpd 7.6.q-25

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### :1ubuntu1~ubuntu16.04.1

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It was downloaded from <http://www.tcpdump.org/>

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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

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

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

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

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under



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

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

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

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

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Upstream-Name: intel-thermal-daemon

Upstream-Contact: Srinivas Pandruvada <[srinivas.pandruvada@linux.intel.com](mailto:srinivas.pandruvada@linux.intel.com)>

Source: [https://github.com/01org/thermal\\_daemon.git](https://github.com/01org/thermal_daemon.git)

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

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

Ty Coon, President of Vice

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: time

Upstream-Contact: [bug-gnu-utils@gnu.org](mailto:bug-gnu-utils@gnu.org)

Source: <http://ftp.gnu.org/pub/gnu/time/time-1.7.tar.gz>

Comment:

This is Debian GNU/Linux's prepackaged version of the FSF's GNU time utility. `time' is a program that measures many of the CPU resources, such as time and memory, that other programs use. It was written by David Keppel. It was subsequently maintained and improved by David MacKenzie with help from Arne Henrik Juul, and Francois Pinard.

.

This package was put together by Dirk Eddelbuettel from the previous Debian package time-1.6-2 (from <ftp.debian.org>) and the GNU sources for time-1.6. The package was subsequently maintained and updated by Tollef Fog Heen, Salvatore Bonaccorso, and Bob Proulx.

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## 1.285 traceroute 1:2.0.21 :1

### 1.285.1 Available under license :

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Upstream-Name: traceroute

Upstream-Contact: [traceroute-devel@lists.sourceforge.net](mailto:traceroute-devel@lists.sourceforge.net)

Source: <http://sourceforge.net/projects/traceroute/files/>

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<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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### 1.286.1 Available under license :

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Upstream Author: The Internet Assigned Numbers Authority (IANA)  
Commentary should be addressed to [tz@iana.org](mailto:tz@iana.org)

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## 1.287 ubuntu-font-family-sources 1:0.83 :0ubuntu2

### 1.287.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>  
Upstream-Name: Ubuntu Font Family  
Upstream-Contact: Paul Sladen <[ubuntu@paul.sladen.org](mailto:ubuntu@paul.sladen.org)>  
Source: <http://font.ubuntu.com/>

Files: \*

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UBUNTU FONT LICENCE Version 1.0  
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UBUNTU FONT LICENCE Version 1.0  
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## Ubuntu Font Family Licensing FAQ

### Stylistic Foundations

The Ubuntu Font Family is the first time that a libre typeface has been designed professionally and explicitly with the intent of developing a public and long-term community-based development process.

When developing an open project, it is generally necessary to have firm foundations: a font needs to maintain harmony within itself even across many type designers and writing systems. For the [1]Ubuntu Font Family, the process has been guided with the type foundry Dalton Maag setting the project up with firm stylistic foundation covering several left-to-right scripts: Latin, Greek and Cyrillic; and right-to-left scripts: Arabic and Hebrew (due in 2011).

With this starting point the community will, under the supervision of [2]Canonical and [3]Dalton Maag, be able to build on the existing font sources to expand their character coverage. Ultimately everybody will be able to use the Ubuntu Font Family in their own written languages across the whole of Unicode (and this will take some time!).

### Licensing

The licence chosen by any free software project is one of the foundational decisions that sets out how derivatives and contributions can occur, and in turn what kind of community will form around the project.

Using a licence that is compatible with other popular licences is a powerful constraint because of the [4]network effects: the freedom to share improvements between projects allows free software to reach high-quality over time. Licence-proliferation leads to many incompatible licences, undermining the network effect, the freedom to share and ultimately making the libre movement that Ubuntu is a part of less effective. For all kinds of software, writing a new licence is not to be taken lightly and is a choice that needs to be thoroughly justified if this path is taken.

Today it is not clear to Canonical what the best licence for a font project like the Ubuntu Font Family is: one that starts life designed by professionals and continues with the full range of community development, from highly commercial work in new directions to curious beginners' experimental contributions. The fast and steady pace of the

Ubuntu release cycle means that an interim libre licence has been necessary to enable the consideration of the font family as part of Ubuntu 10.10 operating system release.

Before taking any decision on licensing, Canonical as sponsor and backer of the project has reviewed the many existing licenses used for libre/open fonts and engaged the stewards of the most popular licenses in detailed discussions. The current interim licence is the first step in progressing the state-of-the-art in licensing for libre/open font development.

The public discussion must now involve everyone in the (comparatively new) area of the libre/open font community; including font users, software freedom advocates, open source supporters and existing libre font developers. Most importantly, the minds and wishes of professional type designers considering entering the free software business community must be taken on board.

Conversations and discussion has taken place, privately, with individuals from the following groups (generally speaking personally on behalf of themselves, rather than their affiliations):

- \* [5]SIL International
- \* [6]Open Font Library
- \* [7]Software Freedom Law Center
- \* [8]Google Font API

#### Document embedding

One issue highlighted early on in the survey of existing font licences is that of document embedding. Almost all font licences, both free and unfree, permit embedding a font into a document to a certain degree. Embedding a font with other works that make up a document creates a "combined work" and copyleft would normally require the whole document to be distributed under the terms of the font licence. As beautiful as the font might be, such a licence makes a font too restrictive for useful general purpose digital publishing.

The situation is not entirely unique to fonts and is encountered also with tools such as GNU Bison: a vanilla GNU GPL licence would require anything generated with Bison to be made available under the terms of the GPL as well. To avoid this, Bison is [9]published with an additional permission to the GPL which allows the output of Bison to be made available under any licence.

The conflict between licensing of fonts and licensing of documents, is addressed in two popular libre font licences, the SIL OFL and GNU GPL:

- \* [10]SIL Open Font Licence: When OFL fonts are embedded in a document, the OFL's terms do not apply to that document. (See

[11]OFL-FAQ for details.

\* [12]GPL Font Exception: The situation is resolved by granting an additional permission to allow documents to not be covered by the GPL. (The exception is being reviewed).

The Ubuntu Font Family must also resolve this conflict, ensuring that if the font is embedded and then extracted it is once again clearly under the terms of its libre licence.

### Long-term licensing

Those individuals involved, especially from Ubuntu and Canonical, are interested in finding a long-term libre licence that finds broad favour across the whole libre/open font community. The deliberation during the past months has been on how to licence the Ubuntu Font Family in the short-term, while knowingly encouraging everyone to pursue a long-term goal.

\* [13]Copyright assignment will be required so that the Ubuntu Font Family's licensing can be progressively expanded to one (or more) licences, as best practice continues to evolve within the libre/open font community.

\* Canonical will support and fund legal work on libre font licensing. It is recognised that the cost and time commitments required are likely to be significant. We invite other capable parties to join in supporting this activity.

The GPL version 3 (GPLv3) will be used for Ubuntu Font Family build scripts and the CC-BY-SA for associated documentation and non-font content: all items which do not end up embedded in general works and documents.

### Ubuntu Font Licence

For the short-term only, the initial licence is the [14]Ubuntu Font License (UFL). This is loosely inspired from the work on the SIL OFL 1.1, and seeks to clarify the issues that arose during discussions and legal review, from the perspective of the backers, Canonical Ltd. Those already using established licensing models such as the GPL, OFL or Creative Commons licensing should have no worries about continuing to use them. The Ubuntu Font Licence (UFL) and the SIL Open Font Licence (SIL OFL) are not identical and should not be confused with each other. Please read the terms precisely. The UFL is only intended as an interim license, and the overriding aim is to support the creation of a more suitable and generic libre font licence. As soon as such a licence is developed, the Ubuntu Font Family will migrate to it made possible by copyright assignment in the interim. Between the OFL 1.1, and the UFL 1.0, the following changes are made to produce the Ubuntu Font Licence:

\* Clarification:

1. Document embedding (see [15]embedding section above).
2. Apply at point of distribution, instead of receipt
3. Author vs. copyright holder disambiguation (type designers are authors, with the copyright holder normally being the funder)
4. Define "Propagate" (for internationalisation, similar to the GPLv3)
5. Define "Substantially Changed"
6. Trademarks are explicitly not transferred
7. Refine renaming requirement

Streamlining:

8. Remove "not to be sold separately" clause
9. Remove "Reserved Font Name(s)" declaration

A visual demonstration of how these points were implemented can be found in the accompanying coloured diff between SIL OFL 1.1 and the Ubuntu Font Licence 1.0: [16]ofl-1.1-uff-1.0.diff.html

#### References

1. <http://font.ubuntu.com/>
  2. <http://www.canonical.com/>
  3. <http://www.daltonmaag.com/>
  4. [http://en.wikipedia.org/wiki/Network\\_effect](http://en.wikipedia.org/wiki/Network_effect)
  5. <http://scripts.sil.org/>
  6. <http://openfontlibrary.org/>
  7. <http://www.softwarefreedom.org/>
  8. <http://code.google.com/webfonts>
  9. <http://www.gnu.org/licenses/gpl-faq.html#CanIUseGPLToolsForNF>
  10. [http://scripts.sil.org/OFL\\_web](http://scripts.sil.org/OFL_web)
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  12. <http://www.gnu.org/licenses/gpl-faq.html#FontException>
  13. <https://launchpad.net/~uff-contributors>
  14. <http://font.ubuntu.com/uff/ubuntu-font-licence-1.0.txt>
  15. <http://font.ubuntu.com/uff/FAQ.html#embedding>
  16. <http://font.ubuntu.com/uff/ofl-1.1-uff-1.0.diff.html>
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## 1.288 ubuntu-keyring 2012.05.19

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Upstream-Name: ucf

Upstream-Contact: Manoj Srivastava <srivasta@debian.org>

Source: [git://anonscm.debian.org/users/srivasta/debian/ucf.git](https://anonscm.debian.org/users/srivasta/debian/ucf.git)

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```

```
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Initialize empty image

`f1c9645dbc14efddc7d8a322685f26eb` `bsd.img`

Create new DOS partition table

`57e721e38d1266c2df055067c18f2cf9` `bsd.img`

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

-----

Create 1st primary partition

`ada64ace122978d00d1d1c0e5ee45d26` `bsd.img`

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

Device Boot Start End Sectors Size Id Type

<removed>1 2048 4095 2048 1M 83 Linux

-----

Create 2st primary partition

`1bebf87248e05d6e4e62b749da65d023` `bsd.img`

Set 2nd partition type

2d8e8dff51a88a045db233418dd73fbe bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

Device	Boot	Start	End	Sectors	Size	Id	Type
<removed>1		2048	4095	2048	1M	83	Linux
<removed>2		4096	20479	16384	8M	a5	FreeBSD

-----

Create default BSD

2e1cee529cb59c9341afef0443f196a1 bsd.img

---layout-----

Welcome to fdisk <removed>.

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors

Geometry: 255 heads, 63 sectors/track, 1 cylinders

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: bsd

Slice	Start	End	Sectors	Size	Type	Fsize	Bsize	Cpg
c	4096	20479	16384	8M	unused	0	0	0
d	0	16064	16065	7.9M	unused	0	0	0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

-----

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout-----

Welcome to fdisk <removed>.

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors

Geometry: 255 heads, 63 sectors/track, 1 cylinders

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: BSD

Slice	Start	End	Sectors	Size	Type	Fsize	Bsize	Cpg
a	4096	6144	2049	1M	4.2BSD	0	0	0
c	4096	20479	16384	8M	unused	0	0	0
d	0	16064	16065	7.9M	unused	0	0	0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

-----

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):

0	unused	5	4.1BSD	9	4.4LFS	d	boot
1	swap	6	Eighth Edition	a	unknown	e	ADOS
2	Version 6	7	4.2BSD	b	HPFS	f	HFS
3	Version 7	8	MS-DOS	c	ISO-9660	10	AdvFS
4	System V						

Command (m for help):

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```

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

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

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

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```
/*
```

```
* Copyright (c) 1989 The Regents of the University of California.
```

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\*

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## 1.295 v86d 0.1.10 :1

### 1.295.1 Available under license :

License information  
-----

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If you have any questions about this, please send email to [x86emu@linuxlabs.com](mailto:x86emu@linuxlabs.com) or [KendallB@scitechsoft.com](mailto:KendallB@scitechsoft.com) for clarification.

## 1.296 vim 2:7.4.1689 :3ubuntu1.1

### 1.296.1 Available under license :

This is the Debian pre-packaged version of vim. Vim is an almost compatible version of the UNIX editor Vi. Many new features have been added: multi level undo, syntax highlighting, command line history, on-line help, filename completion, block operations, etc.

This package was put together by Wichert Akkerman <[wakkerma@debian.org](mailto:wakkerma@debian.org)> from sources obtained from: <ftp://ftp.vim.org/pub/vim/unix/>. The current maintainer is Debian VIM Maintainers <[pkg-vim-maintainers@lists.ubuntu.com](mailto:pkg-vim-maintainers@lists.ubuntu.com)>.

Vim was written by Bram Moolenaar. The following copying conditions are taken

from the online documentation.

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\*uganda.txt\* For Vim version 7.4. Last change: 2013 Jul 06

VIM REFERENCE MANUAL by Bram Moolenaar

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## SUMMARY

\*iccf\* \*ICCF\*

Vim is Charityware. You can use and copy it as much as you like, but you are encouraged to make a donation for needy children in Uganda. Please see [kcc] below or visit the ICCF web site, available at these URLs:

<http://iccf-holland.org/>

<http://www.vim.org/iccf/>

<http://www.iccf.nl/>

You can also sponsor the development of Vim. Vim sponsors can vote for features. See [sponsor]. The money goes to Uganda anyway.

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==== end of license ====

Note:

- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.
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- Once a change is included that goes under the GNU GPL, this forces all further changes to also be made under the GNU GPL or a compatible license.
- If you distribute a modified version of Vim, you can include your name and contact information with the "--with-modified-by" configure argument or the MODIFIED\_BY define.

=====  
Kibaale Children's Centre \*kcc\* \*Kibaale\* \*charity\*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have

to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

\*donate\*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Furthermore, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now

under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:

Kibaale Children's Centre  
p.o. box 1658  
Masaka, Uganda, East Africa

Sending money: \*iccf-donations\*

Check the ICCF web site for the latest information! See |iccf| for the URL.

USA: The methods mentioned below can be used.

Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.  
For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly.

Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.

Kibaale Children's Fund c/o Pacific Academy  
10238-168 Street  
Surrey, B.C. V4N 1Z4  
Canada  
Phone: 604-581-5353

If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse.

This will allow for tax deduction if you live in Holland.  
Postbank, nr. 4548774  
IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return.

Check the ICCF web site for the latest information:  
<http://iccf-holland.org/germany.html>

World: Use a postal money order. That should be possible from any country, mostly from the post office. Use this name (which is in my passport): "Abraham Moolenaar". Use Euro for the currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number.

Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It's really simple to use. Use this link to find more info:

[https://www.paypal.com/en\\_US/mrb/pal=XAC62PML3GF8Q](https://www.paypal.com/en_US/mrb/pal=XAC62PML3GF8Q)

The e-mail address for sending the money to is:

[Bram@iccf-holland.org](mailto:Bram@iccf-holland.org)

For amounts above 400 Euro (\$500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:

Postbank, account 4548774

Swift code: INGB NL 2A

IBAN: NL95 INGB 0004 5487 74

under the name "stichting ICCF Holland", Lisse

If that doesn't work:

Rabobank Lisse, account 3765.05.117

Swift code: RABO NL 2U

under the name "Bram Moolenaar", Lisse

Otherwise, send a check in euro or US dollars to the address below. Minimal amount: \$70 (my bank does not accept smaller amounts for foreign check, sorry)

Address to send checks to:

Bram Moolenaar

Finsterruetihof 1

8134 Adliswil

Switzerland

This address is expected to be valid for a long time.

[vim:tw=78:ts=8:ft=help:norl](mailto:vim:tw=78:ts=8:ft=help:norl):

# 1.297 wget 1.17.1 :1ubuntu1.1

## 1.297.1 Available under license :

This package was debianized by

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J. Ramos Goncalves <ramos@debian.org> on Thu, 13 Feb 1997 23:15:18 +0000

Nicols Lichtmaier <nick@debian.org> on Sat, 18 Oct 1997 21:23:12 -0300

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=====

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: XZ Utils

Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>

<http://tukaani.org/xz/lists.html>

Source:

<http://tukaani.org/xz>

<http://git.tukaani.org/xz.git>

Comment:

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.

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To: Jonathan Nieder <jrnieder@gmail.com>

Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

[...]

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changelog.gz (commit 975d8fd) explains:

.

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Files: po/it.po po/pl.po

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Files: INSTALL.generic

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Files: dos/config.h

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2007-2010, Lasse Collin

Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,

David Mackenzie, Bruno Haible, and many others.

Origin: configure.ac from XZ Utils,  
visibility.m4 serial 1 (gettext-0.15),  
Autoconf 2.52g

License: config-h

configure.ac:

```
.  
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comments from Autoconf 2.52g:  
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dos/config.h was generated with autoheader, which tells Autoconf to  
output a script to generate a config.h file and then runs it.
```



Files: po/Makevars

Origin: gettext-runtime/po/Makevars (gettext-0.12)

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Authors: Bruno Haible

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## 1.303 zerofree 1.0.3 :1

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X-Format-Specification: <http://wiki.debian.org/Proposals/CopyrightFormat>

X-Debianized-By: Thibaut Paumard <paumard@users.sourceforge.net>

X-Debianized-Date: Wed, 06 Feb 2008 10:51:16 +0100

X-Source-Downloaded-From:

<http://intgat.tigress.co.uk/rmy/uml/zerofree-1.0.1.tgz>

X-Upstream-Author: Ron M. Yorston <rmy@tigress.co.uk>

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Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate  
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