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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.

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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

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/\*

\* Marko Kiiskila carnil@cs.tut.fi

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\* Tampere University of Technology - Telecommunications Laboratory

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## 1.2 autoconf 2.65

### 1.2.1 Available under license :

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Version 3, 29 June 2007

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Version 3.0, 18 August 2009

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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* <:copyright-BRCM:2011:DUAL/GPL:standard
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## 1.7 binutils 2.21

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

```
<program> Copyright (C) <year> <name of author>  
This program 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, your program's commands might be different; for a GUI interface, you would use an "about box".

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Version 2, June 1991

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```
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```

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```
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'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

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

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```
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Version 2, June 1991
```

```
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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.

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

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

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

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

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

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

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

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

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

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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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## 1.13 busybox 1.19.3

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\*

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

\*

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

\*

\* Adam Langley <agl@imperialviolet.org>

\*

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

\*

\* More information about curve25519 can be found here

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

\*

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

\*

- \* This is, almost, a clean room reimplementation from the curve25519 paper. It
- \* uses many of the tricks described therein. Only the crecip function is taken
- \* from the sample implementation.
- \*/

## 1.21 ebttables 2.0.10-4

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```

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I've considered using LGPL, but I decided against that because

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## 1.27 gcc 4.6.2

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That's all there is to it!  
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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# 128 bit long double support was introduced with GCC 4.6.0 for FreeBSD.

# These lines make the symbols to get a @@GCC\_4.6.0.

%exclude {

\_\_addtf3

```
__copysignf3
__divtc3
__divtf3
__eqtf2
__extenddf2
__extendsf2
__extendxf2
__fabstf2
__fixtfdi
__fixtfsi
__fixfti
__fixunstfdi
__fixunstfsi
__fixunstfi
__floatditf
__floatsitf
__floattitf
__floatunditf
__floatunsitf
__floatuntitf
__getf2
__gttf2
__letf2
__lttf2
__multc3
__multf3
__negtf2
__netf2
__powitf2
__subtf3
__trunctdf2
__trunctsf2
__trunctxf2
__unordtf2
}
```

```
GCC_4.6.0 {
__addtf3
#ifdef __x86_64__
__copysignf3
#endif
__divtc3
__divtf3
__eqtf2
__extenddf2
__extendsf2
__extendxf2
#ifdef __x86_64__
```

```

__fabstf2
#endif
__fixtfdi
__fixtfsi
#ifdef __x86_64__
__fixtfti
#endif
__fixunstfdi
__fixunstfsi
#ifdef __x86_64__
__fixunstfti
#endif
__floatditf
__floatsiftf
#ifdef __x86_64__
__floattitif
#endif
__floatunditf
__floatunsiftf
#ifdef __x86_64__
__floatuntitif
#endif
__getf2
__gttf2
__letf2
__lttf2
__multc3
__multf3
__negtf2
__netf2
__powitf2
__subtf3
__trunctfdf2
__trunctfsf2
__trunctxf2
__unordtf2
}

```

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Version 2.1, February 1999

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@setfilename gpl  
@settitle GNU General Public License  
@c man begin SEEALSO  
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To do so, attach the following notices to the program. It is safest

to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

```
@smallexample
@var{one line to give the program's name and a brief idea of what it does.}
Copyright (C) @var{year} @var{name of author}
```

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@end smallexample

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

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

```
@smallexample
@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
under certain conditions; type @samp{show c} for details.
@end smallexample
```

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@c man end

@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

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

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@end smallexample

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

@smallexample

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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details

type `show w'.

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@end smallexample

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@example

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@var{signature of Ty Coon}, 1 April 1989

Ty Coon, President of Vice

@end example

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@ignore

@c Set file name and title for man page.

@setfilename gfdl

@settitle GNU Free Documentation License

@c man begin SEEALSO

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

@c man end

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

@c hence no sectioning command or @node.

@c man end

@end ignore

@c Special handling for inclusion in the install manual.

@ifset gfdlhtml

```
@ifnohtml
@comment node-name, next, previous, up
@node GNU Free Documentation License, Concept Index, Old, Top
@end ifnohtml
@html
<h1 align="center">Installing GCC: GNU Free Documentation License</h1>
@end html
@ifnohtml
@unnumbered GNU Free Documentation License
@end ifnohtml
@end ifset
@c man begin DESCRIPTION
@ifclear gfdlhtml
@node GNU Free Documentation License
@unnumbered GNU Free Documentation License
@end ifclear

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@c ispell-local-pdict: "ispell-dict"
@c End:
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@center END OF TERMS AND CONDITIONS

@end ifinfo

@page

@appendixsubsec How to Apply These Terms to Your New Libraries

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

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

@smallexample

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

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@end smallexample

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

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

@smallexample

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

That's all there is to it!

Jan 21, 2002

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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.)

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

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

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This program is free software; you can redistribute it and/or modify  
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the Free Software Foundation; either version 2 of the License, or  
(at your option) any later version.
```

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```

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

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

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

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

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'Gnomovision' (which makes passes at compilers) written by James Hacker.

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

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Version 2.1, February 1999

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

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.

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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.

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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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.

^L

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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.

^L

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.

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.

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\* m4/ax\_func\_which\_gethostbyname\_r.m4

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## 1.28 gdb 7.3.1

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

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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

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

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

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

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

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

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

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

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

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

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to

exercise the right to control the distribution of derivative or collective works based on the Library.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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

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

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

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

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

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

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## END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Libraries

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

<one line to give the library's name and a brief idea of what it does.>  
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Also add information on how to contact you by electronic and paper mail.

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

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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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.

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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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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 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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```
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```

```
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## 1.29 gmp 5.0.2

### 1.29.1 Available under license :

```
/* __gmp_replacement_vsnprintf -- for systems which don't have vsnprintf, or  
only have a broken one.
```

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```
#include "config.h"

#if ! HAVE_VSNPRINTF /* only need this file if we don't have vsnprintf */

#define _GNU_SOURCE /* for strlen prototype */

#if HAVE_STDARG
#include <stdarg.h>
#else
#include <varargs.h>
#endif

#include <ctype.h> /* for isdigit */
#include <stddef.h> /* for ptrdiff_t */
#include <string.h>
#include <stdio.h> /* for NULL */
#include <stdlib.h>

#if HAVE_FLOAT_H
#include <float.h> /* for DBL_MAX_10_EXP etc */
#endif

#if HAVE_INTTYPES_H
# include <inttypes.h> /* for intmax_t */
#else
# if HAVE_STDINT_H
# include <stdint.h>
# endif
#endif

#if HAVE_SYS_TYPES_H
#include <sys/types.h> /* for quad_t */
#endif

#include "gmp.h"
```



```
#include "gmp-impl.h"
```

```
/* Autoconf notes that AIX 4.3 has a broken strlen, but fortunately it  
doesn't affect us since __gmp_replacement_vsnprintf is not required on  
that system. */
```

```
#if !HAVE_STRNLEN
```

```
static size_t
```

```
strlen (const char *s, size_t n)
```

```
{  
    size_t i;  
    for (i = 0; i < n; i++)  
        if (s[i] == '\0')  
            break;  
    return i;  
}
```

```
}
```

```
#endif
```

```
/* The approach here is to parse the fmt string, and decide how much space  
it requires, then use vsprintf into a big enough buffer. The space  
calculated isn't an exact amount, but it's certainly no less than  
required.
```

This code was inspired by GNU libiberty/vasprintf.c but we support more datatypes, when available.

```
mingw32 - doesn't have vsnprintf, it seems. Because gcc is used a full  
set of types are available, but "long double" is just a plain IEEE  
64-bit "double" and LDBL_MAX_EXP_10 is correspondingly defined, so we  
avoid the big 15-bit exponent estimate. */
```

```
int
```

```
__gmp_replacement_vsnprintf (char *buf, size_t buf_size,  
                             const char *orig_fmt, va_list orig_ap)
```

```
{  
    va_list ap;  
    const char *fmt;  
    size_t total_width, integer_sizeof, floating_sizeof, len;  
    char fchar, type;  
    int width, prec, seen_prec, double_digits, long_double_digits;  
    int *value;
```

```
/* preserve orig_ap for use after size estimation */
```

```
va_copy (ap, orig_ap);
```

```
fmt = orig_fmt;
```

```
total_width = strlen (fmt) + 1; /* 1 extra for the '\0' */
```

```

integer_sizeof = sizeof (long);
#if HAVE_LONG_LONG
integer_sizeof = MAX (integer_sizeof, sizeof (long long));
#endif
#if HAVE_QUAD_T
integer_sizeof = MAX (integer_sizeof, sizeof (quad_t));
#endif

floating_sizeof = sizeof (double);
#if HAVE_LONG_DOUBLE
floating_sizeof = MAX (floating_sizeof, sizeof (long double));
#endif

/* IEEE double or VAX G floats have an 11 bit exponent, so the default is
   a maximum 308 decimal digits. VAX D floats have only an 8 bit
   exponent, but we don't bother trying to detect that directly. */
double_digits = 308;
#ifdef DBL_MAX_10_EXP
/* but in any case prefer a value the compiler says */
double_digits = DBL_MAX_10_EXP;
#endif

/* IEEE 128-bit quad, Intel 80-bit temporary, or VAX H floats all have 15
   bit exponents, so the default is a maximum 4932 decimal digits. */
long_double_digits = 4932;
/* but if double == long double, then go with that size */
#if HAVE_LONG_DOUBLE
if (sizeof (double) == sizeof (long double))
    long_double_digits = double_digits;
#endif
#ifdef LDBL_MAX_10_EXP
/* but in any case prefer a value the compiler says */
long_double_digits = LDBL_MAX_10_EXP;
#endif

for (;;)
{
    fmt = strchr (fmt, '%');
    if (fmt == NULL)
        break;
    fmt++;

    type = '\0';
    width = 0;
    prec = 6;
    seen_prec = 0;
    value = &width;

```

```

    for (;;)
    {
        fchar = *fmt++;
        switch (fchar) {

            case 'c':
                /* char, already accounted for by strlen(fmt) */
                goto next;

            case 'd':
            case 'i':
            case 'o':
            case 'x':
            case 'X':
            case 'u':
                /* at most 3 digits per byte in hex, dec or octal, plus a sign */
                total_width += 3 * integer_sizeof + 1;

                switch (type) {
                    case 'j':
                        /* Let's assume uintmax_t is the same size as intmax_t. */
                        #if HAVE_INTMAX_T
                            (void) va_arg (ap, intmax_t);
                        #else
                            ASSERT_FAIL (intmax_t not available);
                        #endif
                        break;
                    case 'l':
                        (void) va_arg (ap, long);
                        break;
                    case 'L':
                        #if HAVE_LONG_LONG
                            (void) va_arg (ap, long long);
                        #else
                            ASSERT_FAIL (long long not available);
                        #endif
                        break;
                    case 'q':
                        /* quad_t is probably the same as long long, but let's treat
                           it separately just to be sure. Also let's assume u_quad_t
                           will be the same size as quad_t. */
                        #if HAVE_QUAD_T
                            (void) va_arg (ap, quad_t);
                        #else
                            ASSERT_FAIL (quad_t not available);
                        #endif
                        break;
                }
        }
    }

```

```

    case 't':
#if HAVE_PTRDIFF_T
    (void) va_arg (ap, ptrdiff_t);
#else
    ASSERT_FAIL (ptrdiff_t not available);
#endif
    break;
    case 'z':
    (void) va_arg (ap, size_t);
    break;
    default:
    /* default is an "int", and this includes h=short and hh=char
since they're promoted to int in a function call */
    (void) va_arg (ap, int);
    break;
}
goto next;

case 'E':
case 'e':
case 'G':
case 'g':
/* Requested decimals, sign, point and e, plus an overestimate
of exponent digits (the assumption is all the float is
exponent!). */
total_width += prec + 3 + floating_sizeof * 3;
if (type == 'L')
{
#if HAVE_LONG_DOUBLE
(void) va_arg (ap, long double);
#else
ASSERT_FAIL (long double not available);
#endif
}
else
(void) va_arg (ap, double);
break;

case 'f':
/* Requested decimals, sign and point, and a margin for error,
then add the maximum digits that can be in the integer part,
based on the maximum exponent value. */
total_width += prec + 2 + 10;
if (type == 'L')
{
#if HAVE_LONG_DOUBLE
(void) va_arg (ap, long double);
total_width += long_double_digits;

```

```

#else
    ASSERT_FAIL (long double not available);
#endif
    }
    else
    {
        (void) va_arg (ap, double);
        total_width += double_digits;
    }
    break;

    case 'h': /* short or char */
    case 'j': /* intmax_t */
    case 'L': /* long long or long double */
    case 'q': /* quad_t */
    case 't': /* ptrdiff_t */
    set_type:
        type = fchar;
        break;

    case 'l':
        /* long or long long */
        if (type != 'l')
            goto set_type;
        type = 'L'; /* "ll" means "L" */
        break;

    case 'n':
        /* bytes written, no output as such */
        (void) va_arg (ap, void *);
        goto next;

    case 's':
        /* If no precision was given, then determine the string length
           and put it there, to be added to the total under "next". If
           a precision was given then that's already the maximum from
           this field, but see whether the string is shorter than that,
           in case the limit was very big. */
        {
            const char *s = va_arg (ap, const char *);
            prec = (seen_prec ? strlen (s, prec) : strlen (s));
        }
        goto next;

    case 'p':
        /* pointer, let's assume at worst it's octal with some padding */
        (void) va_arg (ap, const void *);
        total_width += 3 * sizeof (void *) + 16;

```

```

goto next;

case '%':
    /* literal %, already accounted for by strlen(fmt) */
    goto next;

case '#':
    /* showbase, at most 2 for "0x" */
    total_width += 2;
    break;

case '+':
case ' ':
    /* sign, already accounted for under numerics */
    break;

case '-':
    /* left justify, no effect on total width */
    break;

case '!':
    seen_prec = 1;
    value = &prec;
    break;

case '*':
    {
        /* negative width means left justify which can be ignored,
        negative prec would be invalid, just use absolute value */
        int n = va_arg (ap, int);
        *value = ABS (n);
    }
    break;

case '0': case '1': case '2': case '3': case '4':
case '5': case '6': case '7': case '8': case '9':
    /* process all digits to form a value */
    {
        int n = 0;
        do {
n = n * 10 + (fchar-'0');
fchar = *fmt++;
        } while (isascii (fchar) && isdigit (fchar));
        fmt--; /* unget the non-digit */
        *value = n;
    }
    break;

```

```

default:
    /* incomplete or invalid % sequence */
    ASSERT (0);
    goto next;
}
}

next:
    total_width += width;
    total_width += prec;
}

if (total_width <= buf_size)
{
    vsprintf (buf, orig_fmt, orig_ap);
    len = strlen (buf);
}
else
{
    char *s;

    s = __GMP_ALLOCATE_FUNC_TYPE (total_width, char);
    vsprintf (s, orig_fmt, orig_ap);
    len = strlen (s);
    if (buf_size != 0)
    {
        size_t copylen = MIN (len, buf_size-1);
        memcpy (buf, s, copylen);
        buf[copylen] = '\0';
    }
    (*__gmp_free_func) (s, total_width);
}

/* If total_width was somehow wrong then chances are we've already
   clobbered memory, but maybe this check will still work. */
ASSERT_ALWAYS (len < total_width);

return len;
}

```

```
#endif /* !HAVE_VSNPRINTF */
```

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Version 3, 29 June 2007

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

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```



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## 1.36 Javascript md5 2.1

### 1.36.1 Available under license :

```
/*  
 * A JavaScript implementation of the RSA Data Security, Inc. MD5 Message  
 * Digest Algorithm, as defined in RFC 1321.  
 * Version 2.1 Copyright (C) Paul Johnston 1999 - 2002.  
 * Other contributors: Greg Holt, Andrew Kepert, Ydnar, Lostinet  
 * Distributed under the BSD License  
 * See http://pajhome.org.uk/crypt/md5 for more info.  
*/
```

## 1.37 Javascript ua 1.9

### 1.37.1 Available under license :

```
/*  
 * $Log: ua.js,v $  
 * Revision 1.5.2.1 2012/08/07 04:08:40 emily  
 * Update OLH to final version  
 */
```

```

* Revision 1.9 2002/07/22 14:06:21 bc6ix
* fix license path, change version reporting to use 2 digits for each level
*
* Revision 1.8 2002/07/07 08:23:07 bc6ix
* fix line endings
*
* Revision 1.7 2002/05/14 16:52:52 bc6ix
* use CVS Log for revision history
*
*
*/

/* ***** BEGIN LICENSE BLOCK *****
* Licensed under Version: MPL 1.1/GPL 2.0/LGPL 2.1
* Full Terms at http://bclary.com/lib/js/license/mpl-tri-license.txt
*
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*
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* Portions created by the Initial Developer are Copyright (C) 2001
* the Initial Developer. All Rights Reserved.
*
* Contributor(s): Bob Clary <bclary@netscape.com>
*
* ***** END LICENSE BLOCK ***** */

```

## 1.38 jffs2 1.60

### 1.38.1 Available under license :

```

/* vi: set sw=4 ts=4: */
/*
* Build a JFFS2 image in a file, from a given directory tree.
*
* Copyright 2001, 2002 Red Hat, Inc.
* 2001 David A. Schleef <ds@lineo.com>
* 2002 Axis Communications AB
* 2001, 2002 Erik Andersen <andersen@codepoet.org>
* 2004 University of Szeged, Hungary
* 2006 KaiGai Kohei <kaigai@ak.jp.nec.com>
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* Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
*
* Cross-endian support added by David Schleef <ds@schleef.org>.
*
* Major architectural rewrite by Erik Andersen <andersen@codepoet.org>
* to allow support for making hard links (though hard links support is
* not yet implemented), and for munging file permissions and ownership
* on the fly using --faketime, --squash, --devtable. And I plugged a
* few memory leaks, adjusted the error handling and fixed some little
* nits here and there.
*
* I also added a sample device table file. See device_table.txt
* -Erik, September 2001
*
* Cleanmarkers support added by Axis Communications AB
*
* Rewritten again. Cleanly separated host and target filesystem
* activities (mainly so I can reuse all the host handling stuff as I
* rewrite other mkfs utils). Added a verbose option to list types
* and attributes as files are added to the file system. Major cleanup
* and scrubbing of the code so it can be read, understood, and
* modified by mere mortals.
*
* -Erik, November 2002
*/

```

## 1.39 ledctl 1.0

### 1.39.1 Available under license :

```

/*****
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*
#
#

```

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#
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# writing to the Free Software Foundation, Inc., 59 Temple Place - Suite 330,
# Boston, MA 02111-1307, USA.
#
*
```

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## 1.40 libdaemon 0.14

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## 1.41 libnetfilter\_contrack 0.0.101

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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```
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\*  
\* 2006-01-23 Andreas Florath <andreas@florath.net>  
\* Fix \_\_set\_verdict() that it can now handle payload.  
\*/

## 1.43 libnfnetlink 1.0.0

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Version 2, June 1991

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```
/* libnfnetlink.c: generic library for communication with netfilter
```

```
*
```

```
* (C) 2002-2006 by Harald Welte <laforge@gnumonks.org>
```

```
* (C) 2006 by Pablo Neira Ayuso <pablo@netfilter.org>
```

```
*
```

```
* Based on some original ideas from Jay Schulist <jschlst@samba.org>
```

```
*
```

```
* Development of this code funded by Astaro AG (http://www.astaro.com)
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```
*
```

```
* 2005-09-14 Pablo Neira Ayuso <pablo@netfilter.org>:
```

```
* Define structure nfnlhdr
```

```
* Added __be64_to_cpu function
```

```
* Use NFA_TYPE macro to get the attribute type
```

```
*
```

```
* 2006-01-14 Harald Welte <laforge@netfilter.org>:
```

```
* introduce nfnl_subsys_handle
```

```
*
```

```
* 2006-01-15 Pablo Neira Ayuso <pablo@netfilter.org>:
```

```
* set missing subsys_id in nfnl_subsys_open
```

```
* set missing nfnlh->local.nl_pid in nfnl_open
```

```
*
```

```
* 2006-01-26 Harald Welte <laforge@netfilter.org>:
```

```
* remove bogus nfnlh->local.nl_pid from nfnl_open ;)
```

```
* add 16bit attribute functions
```

```
*
```

```
* 2006-07-03 Pablo Neira Ayuso <pablo@netfilter.org>:
```

```
* add iterator API
```

```
* add replacements for nfnl_listen and nfnl_talk
```

```
* fix error handling
```

```
* add assertions
```

```
* add documentation
```

```
* minor cleanups
```

\*/

## 1.44 libpcap-1.1.1 libpcap-1.1.1

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\*

\* \$FreeBSD: src/sys/net80211/ieee80211.h,v 1.10 2005/07/22 16:55:27 sam Exp \$

\*/

/\*

\* pcap-linux.c: Packet capture interface to the Linux kernel

\*

\* Copyright (c) 2000 Torsten Landschoff <torsten@debian.org>

\* Sebastian Kraemer <kraemer@cs.uni-potsdam.de>

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\* Modifications: Added PACKET\_MMAP support

\* Paolo Abeni <paolo.abeni@email.it>

\*

\* based on previous works of:

\* Simon Patarin <patarin@cs.unibo.it>

\* Phil Wood <cpw@lanl.gov>

\*

\* Monitor-mode support for mac80211 includes code taken from the iw  
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\* pcap-sita.c: Packet capture interface additions for SITA ACN devices

\*

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*
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\* @(#) \$Header: /tcpdump/master/libpcap/atmuni31.h,v 1.3 2007-10-22 19:28:58 guy Exp \$ (LBL)

\*/

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\* @(#) \$Header: /tcpdump/master/libpcap/nlpid.h,v 1.2 2002-12-06 00:01:34 hannes Exp \$ (Juniper)

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* Basic USB data struct
* By Paolo Abeni <paolo.abeni@email.it>
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* @(#) $Header: /tcpdump/master/libpcap/pcap/usb.h,v 1.9 2008-12-23 20:13:29 guy Exp $
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```

## 1.45 libtool 2.2.10

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## 1.47 Linux\_kernel 3.4.11

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(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

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for the or51211 and or51132 frontend drivers, and  
for merging the nxt2002 and nxt2004 modules into a  
single nxt200x frontend driver.

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/\* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

\* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

\* <http://www.hypermall.com/>

\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY

\* interrupts us (except possibly for removal/insertion of the cable?)

\* 10/4/97 - began heavy inline documentation of the code. Corrected typos

\* and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on

\* loss of link, and correctly re-enable PHY when link is

\* re-established. (put back CFG\_PHYIE)

\*

\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

\*

\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

\*

```

* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
*    combined, allow nicstar_free_rx_skb to be called to
*    recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
*
*
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* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
*
* M. Welsh, 6 July 1996
*
*
*/

```

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The DSP/Bridge project wish to thank all of its contributors, current bridge driver is the result of the work of all of them. If any name is accidentally

omitted, let us know by sending a mail to omar.ramirez@ti.com or x095840@ti.com.

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## 1.55 openssl 1.0.1j

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## 1.56 openswan 2.6.39

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The Debian package was created from scratch with some hints taken from previous freeswan packages by Tommi Virtanen and Aaron Johnson.

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linux/net/ipsec/infutil.h, linux/net/ipsec/inflate.c,  
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linux/net/ipsec/deflate.c, linux/net/ipsec/deflate.h,  
linux/net/ipsec/trees.c, linux/net/ipsec/infblock.c,  
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linux/net/ipsec/inftrees.h, linux/net/ipsec/adler32.c

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\* include/crypto/cryptodev.h

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\* lib/libcrypto/liboswcrypto/cryptodev.c

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\* linux/include/openswan/pfkeyv2.h

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 ppp-2.4.5/modules/deflate.c  
 ppp-2.4.5/modules/if\_ppp.c  
 ppp-2.4.5/modules/ppp.c  
 ppp-2.4.5/modules/ppp\_comp.c  
 ppp-2.4.5/pppdump/deflate.c  
 ppp-2.4.5/pppdump/ppp-comp.h  
 ppp-2.4.5/solaris/ppp.c  
 ppp-2.4.5/solaris/ppp\_comp.c  
 ppp-2.4.5/solaris/ppp\_comp\_mod.c  
 ppp-2.4.5/solaris/ppp\_mod.c

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ppp-2.4.5/pppd/ccp.c

ppp-2.4.5/pppd/ccp.h

ppp-2.4.5/pppd/ccp.c

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ppp-2.4.5/pppdump/pppdump.c

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ppp-2.4.5/pppd/chap-md5.c

ppp-2.4.5/pppd/chap-md5.h

ppp-2.4.5/pppd/chap-new.c

ppp-2.4.5/pppd/chap-new.h

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ppp-2.4.5/include/net/if\_ppp.h

ppp-2.4.5/pppd/auth.c

ppp-2.4.5/pppd/fsm.c

ppp-2.4.5/pppd/fsm.h

ppp-2.4.5/pppd/ipcp.c

ppp-2.4.5/pppd/ipcp.h

ppp-2.4.5/pppd/ipv6cp.c

ppp-2.4.5/pppd/ipv6cp.h

ppp-2.4.5/pppd/ipxcp.c

ppp-2.4.5/pppd/ipxcp.h

ppp-2.4.5/pppd/lcp.c

ppp-2.4.5/pppd/lcp.h

ppp-2.4.5/pppd/magic.c

ppp-2.4.5/pppd/magic.h

ppp-2.4.5/pppd/main.c

ppp-2.4.5/pppd/options.c

ppp-2.4.5/pppd/pppd.h

ppp-2.4.5/pppd/session.c

ppp-2.4.5/pppd/sys-linux.c

ppp-2.4.5/pppd/sys-solaris.c

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ppp-2.4.5/common/zlib.c

ppp-2.4.5/common/zlib.h

ppp-2.4.5/pppdump/zlib.c

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Jean-loup Gailly      Mark Adler  
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ppp-2.4.5/pppd/eui64.c

ppp-2.4.5/pppd/eui64.h

ppp-2.4.5/pppd/ipv6cp.c

ppp-2.4.5/pppd/ipv6cp.h

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ppp-2.4.5/modules/ppp\_ahdlc.c

ppp-2.4.5/pppd/sys-solaris.c

ppp-2.4.5/solaris/ppp\_ahdlc.c

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- \* Updated to ppp-2.4.1 by Bernhard Kaindl
- \*
- \* Updated to ppp-2.4.2 by David Woodhouse 2004.
- \* - disconnect method added
- \* - remove\_options() abuse removed.
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ppp-2.4.5/pppd/plugins/radius/Makefile.linux  
ppp-2.4.5/pppd/plugins/radius/radattr.c  
ppp-2.4.5/pppd/plugins/rp-pppoe/common.c  
ppp-2.4.5/pppd/plugins/rp-pppoe/debug.c  
ppp-2.4.5/pppd/plugins/rp-pppoe/discovery.c

ppp-2.4.5/pppd/plugins/rp-pppoe/if.c  
ppp-2.4.5/pppd/plugins/rp-pppoe/Makefile.linux  
ppp-2.4.5/pppd/plugins/rp-pppoe/pppoe-discovery.c  
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ppp-2.4.5/pppd/plugins/radius/options.h  
ppp-2.4.5/pppd/plugins/radius/pathnames.h  
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ppp-2.4.5/pppd/plugins/radius/radiusclient.h  
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Samba utility functions

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ppp-2.4.5/pppd/session.c

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ppp-2.4.5/include/linux/if\_pppol2tp.h

/\*\*\*\*\*\*

\* Linux PPP over L2TP (PPPoL2TP) Socket Implementation (RFC 2661)

\*

\* This file supplies definitions required by the PPP over L2TP driver

\* (pppol2tp.c). All version information wrt this file is located in

\* pppol2tp.c

\*

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\*

\*/

ppp-2.4.5/pppd/plugins/pppol2tp/l2tp\_event.h

/\*\*\*\*\*\*

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*
*****/

ppp-2.4.5/pppd/plugins/pppol2tp/openl2tp.c
/* *****/

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*
*****/

ppp-2.4.5/pppd/plugins/pppol2tp/pppol2tp.c
/* pppol2tp.c - pppd plugin to implement PPPoL2TP protocol
* for Linux using kernel pppol2tp support.
*
* Requires kernel pppol2tp driver which is integrated into the kernel
* from 2.6.23 onwards. For earlier kernels, a version can be obtained
* from the OpenL2TP project at
* http://www.sourceforge.net/projects/openl2tp/
*
* Original by Martijn van Oosterhout <kleptog@svana.org>
* Modified by jchapman@katalix.com
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## 1.59 ppp 2.4.1 :7

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ppp-2.4.1/include/net/slcompress.h

ppp-2.4.1/include/net/vjcompress.h

ppp-2.4.1/modules/vjcompress.c

ppp-2.4.1/pppstats/pppstats.c

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ppp-2.4.1/include/linux/if\_pppvar.h

ppp-2.4.1/include/linux/if\_ppp.h

ppp-2.4.1/include/net/if\_ppp.h

ppp-2.4.1/pppd/auth.c

ppp-2.4.1/pppd/fsm.c

ppp-2.4.1/pppd/fsm.h

ppp-2.4.1/pppd/ipcp.c

ppp-2.4.1/pppd/ipcp.h

ppp-2.4.1/pppd/ipv6cp.c

ppp-2.4.1/pppd/ipv6cp.h

ppp-2.4.1/pppd/ipxcp.c

ppp-2.4.1/pppd/ipxcp.h

ppp-2.4.1/pppd/lcp.c

ppp-2.4.1/pppd/lcp.h

ppp-2.4.1/pppd/magic.c

ppp-2.4.1/pppd/magic.h

ppp-2.4.1/pppd/main.c

ppp-2.4.1/pppd/options.c

ppp-2.4.1/pppd/pppd.h

ppp-2.4.1/pppd/sys-linux.c



ppp-2.4.1/pppd/tty.c

ppp-2.4.1/pppd/upap.c

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ppp-2.4.1/common/zlib.h

ppp-2.4.1/pppdump/zlib.c

ppp-2.4.1/pppdump/zlib.h

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ppp-2.4.1/pppd/auth.c

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ppp-2.4.1/pppd/chap.h

ppp-2.4.1/pppd/demand.c

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ppp-2.4.1/include/linux/if\_pppvar.h

ppp-2.4.1/include/linux/ppp-comp.h

ppp-2.4.1/include/linux/ppp\_defs.h

ppp-2.4.1/include/net/ppp-comp.h

ppp-2.4.1/include/net/ppp\_defs.h

ppp-2.4.1/include/net/pppio.h

ppp-2.4.1/modules/deflate.c

ppp-2.4.1/modules/if\_ppp.c

ppp-2.4.1/modules/ppp.c

ppp-2.4.1/modules/ppp\_ahdlc.c

ppp-2.4.1/modules/ppp\_comp.c

ppp-2.4.1/pppd/ccp.c

ppp-2.4.1/pppd/ccp.h

ppp-2.4.1/pppd/sys-solaris.c

ppp-2.4.1/pppd/sys-sunos4.c

ppp-2.4.1/pppdump/deflate.c

ppp-2.4.1/pppdump/ppp-comp.h

ppp-2.4.1/solaris/ppp.c

ppp-2.4.1/solaris/ppp\_ahdlc.c

ppp-2.4.1/solaris/ppp\_comp.c

ppp-2.4.1/solaris/ppp\_comp\_mod.c

ppp-2.4.1/solaris/ppp\_mod.c

ppp-2.4.1/svr4/ppp\_comp\_mod.c

ppp-2.4.1/svr4/ppp\_mod.c

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ppp-2.4.1/pppd/ipv6cp.c

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ppp-2.4.1/solaris/ppp\_ahdlc.c

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```

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## 1.63 rp-pppoe 3.10

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# LIC: GPL

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Version 2, June 1991

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```
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```

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```
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```

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<signature of Ty Coon>, 1 April 1989

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## 1.74 urlfilterd 0.0.12.0

### 1.74.1 Available under license :

```
/*
 * libipq - backwards compatibility library for libnetfilter_queue
 *
 * (C) 2005 by Harald Welte <laforge@netfilter.org>
 *
 * Based on original libipq.c,
 * Author: James Morris <jmorris@intercode.com.au>
 * 07-11-2001 Modified by Fernando Anton to add support for IPv6.
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 *
 */
/* libnfnetlink.c: generic library for communication with netfilter
 *
 * (C) 2002-2006 by Harald Welte <laforge@gnumonks.org>
 * (C) 2006 by Pablo Neira Ayuso <pablo@netfilter.org>
 *
 * Based on some original ideas from Jay Schulist <jschlst@samba.org>
 *
 * Development of this code funded by Astaro AG (http://www.astaro.com)
 *
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 * of the gnu general public license, incorporated herein by reference.
 *
```

```

* 2005-09-14 Pablo Neira Ayuso <pablo@netfilter.org>:
*   Define structure nfnlhdr
*   Added __be64_to_cpu function
*   Use NFA_TYPE macro to get the attribute type
*
* 2006-01-14 Harald Welte <laforge@netfilter.org>:
*   introduce nfnl_subsys_handle
*
* 2006-01-15 Pablo Neira Ayuso <pablo@netfilter.org>:
*   set missing subsys_id in nfnl_subsys_open
*   set missing nfnlh->local.nl_pid in nfnl_open
*
* 2006-01-26 Harald Welte <laforge@netfilter.org>:
*   remove bogus nfnlh->local.nl_pid from nfnl_open ;)
*   add 16bit attribute functions
*
* 2006-07-03 Pablo Neira Ayuso <pablo@netfilter.org>:
*   add iterator API
*   add replacements for nfnl_listen and nfnl_talk
*   fix error handling
*   add assertions
*   add documentation
*   minor cleanups
*/
/* iftable - table of network interfaces
*
* (C) 2004 by Astaro AG, written by Harald Welte <hwelte@astaro.com>
*
* This software is Free Software and licensed under GNU GPLv2.
*
*/

```

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```
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```
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```

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```
/*
```

```
Mode switching tool for controlling flip flop (multiple device) USB gear  
Version 1.0.5, 2009/08/26
```

```
Copyright (C) 2007, 2008, 2009 Josua Dietze (mail to "usb_admin" at the
```

domain from the README; please do not post the complete address to The Net!  
Or write a personal message through the forum to "Josh")

Command line parsing, decent usage/config output/handling, bugfixes and advanced options added by:

Joakim Wennergren (jokedst) (gmail.com)

TargetClass parameter implementation to support new Option devices/firmware:

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\*/

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

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

```
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the Free Software Foundation; either version 2 of the License, or  
(at your option) any later version.
```

```
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```



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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type 'show c' for details.
```

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

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

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

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

Preamble

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freedom to share and change it. By contrast, the GNU General Public

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

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

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

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

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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

That's all there is to it!

/\*

\* zebra daemon main routine.

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\*

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\*

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