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1.4 popt 1.16

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1.6 util-linux 2.24.1

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

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

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

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

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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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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.
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1.7 quagga 0.99.21

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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.

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

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those

sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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.

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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

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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:

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For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

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@unnumberedsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION @end iftex

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@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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@end enumerate

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, 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 Program, 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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In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) 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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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; or,

@item

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be

distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

@item

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.)

@end enumerate

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.

If distribution of executable or 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 counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

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@heading END OF TERMS AND CONDITIONS

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@center END OF TERMS AND CONDITIONS

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@unnumberedsubsec Appendix: How to Apply These Terms to Your New Programs

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

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

@smallexample

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

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

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

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

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

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

@smallexample

Gnomovision version 69, Copyright (C) 19@var{yy} @var{name of author} Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

@end smallexample

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

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

@example

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

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

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@node GNU LGPL

@appendixsec GNU LESSER GENERAL PUBLIC LICENSE
 @cindex LGPL, GNU Lesser General Public License
 @cindex License, GNU LGPL

@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.]

@end display

@unnumberedsubsec 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.

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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.

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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@unnumberedsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION @end iftex

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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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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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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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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.

@item

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

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

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.

@item

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

@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.

@item

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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.

@item

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.

@end enumerate

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1.9 d-bus 1.6.18

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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 is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of: tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Sources were obtained from http://sourceforge.net/projects/e2fsprogs

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

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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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*

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

*

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

*

* Adam Langley <agl@imperialviolet.org>

*

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

*

- * More information about curve25519 can be found here
- * http://cr.yp.to/ecdh.html

*

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

*

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

*/

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1.15 pam 1.1.6

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1.16 avahi 0.6.31

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1.19 passwd 0.14

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1.20 libevent 2.0.21

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1.23 perl 5.14.3

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

abstract: 'Build and install Perl modules'

author:

- 'Ken Williams < kwilliams@cpan.org>'

- "Development questions, bug reports, and patches should be sent to the \nModule-Build mailing list at < module-

build@perl.org>."
build_requires:

File::Temp: 0.15 Test::Harness: 3.16 Test::More: 0.49

generated_by: 'Module::Build version 0.3608'

license: gpl meta-spec:

url: http://module-build.sourceforge.net/META-spec-v1.4.html

version: 1.4

name: Module-Build

resources:

MailingList: mailto:module-build@perl.org

license: http://dev.perl.org/licenses/

repository: http://github.com/dagolden/module-build/

version: 3

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That's all there is to it! #!perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

```
=cut
use strict:
use Config;
BEGIN { require './test.pl' }
if ( $Config{usecrosscompile} ) {
skip_all( "Not all files are available during cross-compilation" );
}
my (\$opt) = @ARGV;
my $readme_year = readme_year();
my $v_year = v_year();
# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
my current_year = (gmtime)[5] + 1900;
is $v_year, $current_year, 'perl -v copyright includes current year';
is $readme_year, $current_year, 'README copyright includes current year';
# Otherwise simply check that the two copyright dates match each other:
else
is $readme_year, $v_year, 'README and perl -v copyright dates match';
done_testing;
sub readme_year
# returns the latest copyright year from the top-level README file
{
open my $readme, '<', '../README' or die "Opening README failed: $!";
```

```
# The copyright message is the first paragraph:
local \$/=";
my $copyright_msg = <$readme>;
my (\$year) = \$copyright\_msg = \sim /.* \setminus b(\setminus d\{4,\})/s
   or die "Year not found in README copyright message '$copyright_msg'";
$year;
sub v_year
# returns the latest copyright year shown in perl -v
my $output = runperl switches => ['-v'];
my (year) = output = \sim /copyright 1987.*\b(\d{4,})/i
   or die "Copyright statement not found in perl -v output '$output'";
$year;
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The End

1.24 ncurses 5.9

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1.25 libx11 1.6.2

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1.26 dhcpcd 6.4.7

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* /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/crypt/sha256.h No license file was found, but licenses were detected in source scan.

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Found in path(s):

- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/compat/getline.h
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/compat/getline.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/compat/closefrom.h
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/compat/strlcpy.c
- */opt/ws local/PERMITS SQL/1031892824 1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/compat/strlcpy.h
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/compat/closefrom.c No license file was found, but licenses were detected in source scan.

/*

- * This code implements the MD5 message-digest algorithm.
- * The algorithm is due to Ron Rivest. This code was
- * written by Colin Plumb in 1993, no copyright is claimed.
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*

- * Equivalent code is available from RSA Data Security, Inc.
- * This code has been tested against that, and is equivalent,
- * except that you don't need to include two pages of legalese
- * with every copy.

*

- * To compute the message digest of a chunk of bytes, declare an
- * MD5Context structure, pass it to MD5Init, call MD5Update as
- * needed on buffers full of bytes, and then call MD5Final, which
- * will fill a supplied 16-byte array with the digest.

*/

Found in path(s):

- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/crypt/md5.h
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/crypt/md5.c No license file was found, but licenses were detected in source scan.

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/* dhcp_bpf_filter taken from bpf.c in dhcp-3.1.0

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* <info@isc.org>
* http://www.isc.org/
Found in path(s):
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- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/ipv4ll.h
- $*/opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/d$
- 6.4.7/compat/posix spawn.c
- $*/opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/d$
- 6.4.7/compat/posix_spawn.h

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*/opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-

6.4.7/compat/arc4random uniform.c

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- $*/opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/compat/pollts.hcpcd-6-4-7-tar/dhcpcd-6.4.7/compat/pollts.hcpcd-6-4-7-tar/dhcpcd-6-4-7-tar/$
- $*/opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dhcpcd-embedded.c. in$
- */opt/ws local/PERMITS SQL/1031892824 1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/script.h
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/compat/pollts.c No license file was found, but licenses were detected in source scan.

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- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/ipv6nd.h
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/ipv4.h
- */opt/ws local/PERMITS SQL/1031892824 1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/common.h
- $*/opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/crypt/hmac_md5.c$
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/if-sun.c
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dhcpcd-embedded.h.in
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/common.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/ipv6nd.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dhcpcd.h
- */opt/ws local/PERMITS SQL/1031892824 1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/if-options.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/auth.c
- $*/opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/if-options.h$
- $*/opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/ipv6.h$
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/ipv6.c
- */opt/ws_local/PERMITS_SOL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/control.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dhcpcd.c
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/if.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/ipv4ll.c
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/test/test_hmac_md5.c
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dhcp.c

```
*/opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dhcp6.h
```

*/opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/if.h

*/opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/crypt/crypt.h

- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dhcp.h
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/ipv4.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dhcp6.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/script.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dhcp-common.c
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-
- 6.4.7/compat/arc4random uniform.h
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/duid.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/compat/dprintf.h
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/control.h
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/eloop.c
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/duid.h
- */opt/ws local/PERMITS SQL/1031892824 1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dhcp-common.h
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/arp.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/compat/dprintf.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/test/test.h
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/auth.h
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/test/test.c
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-
- 6.4.7/compat/arc4random.h
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/if-bsd.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/if-linux.c
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/eloop.h
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/compat/endian.h
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- $*/opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dev.c$
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dev.h
- */opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dev/udev.c
- * /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/defs.h No license file was found, but licenses were detected in source scan.

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* /opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/compat/linkaddr.c No license file was found, but licenses were detected in source scan.

```
# Copyright (c) 2006-2014 Roy Marples
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# DHCP option definitions for dhcpcd(8)
# These are used to translate DHCP options into shell variables
# for use in dhcpcd-run-hooks(8)
# See dhcpcd.conf(5) for details
# DHCP RFC2132 options unless otheriwse stated
define 1 request ipaddress subnet_mask
# RFC3442 states that the CSR has to come before all other routes
# For completeness we also specify static routes then routers
define 121 rfc3442 classless_static_routes
# Option 249 is an IANA assigned private number used by Windows DHCP servers
# to provide the exact same information as option 121, classless static routes
define 249 rfc3442 ms_classless_static_routes
define 33 request array ipaddress static routes
define 3 request array ipaddress routers
define 2 uint32 time_offset
define 4 array ipaddress time servers
define 5 array ipaddress ien116_name_servers
define 6 array ipaddress domain_name_servers
define 7 array ipaddress log servers
define 8 array ipaddress cookie_servers
define 9 array ipaddress lpr_servers
define 10 array ipaddress impress_servers
define 11 array ipaddress resource_location_servers
define 12 string host name
define 13 uint16 boot size
define 14 string merit_dump
define 15 string domain_name
define 16 ipaddress swap_server
define 17 string root_path
define 18 string extensions_path
define 19 byte ip_forwarding
define 20 byte non_local_source_routing
define 21 array ipaddress policy_filter
define 22 int16 max_dgram_reassembly
define 23 uint16 default_ip_ttl
define 24 uint32 path_mtu_aging_timeout
define 25 array uint16 path_mtu_plateau_table
define 26 uint16 interface_mtu
define 27 byte all_subnets_local
define 28 request ipaddress broadcast_address
define 29 byte perform_mask_discovery
define 30 byte mask_supplier
define 31 byte router_discovery
```

```
define 32 ipaddress router_solicitation_address
define 34 byte trailer_encapsulation
define 35 uint32 arp_cache_timeout
define 36 uint16 ieee802_3_encapsulation
define 37 byte default_tcp_ttl
define 38 uint32 tcp_keepalive_interval
define 39 byte tcp keepalive garbage
define 40 string nis_domain
define 41 array ipaddress nis_servers
define 42 array ipaddress ntp servers
define 43 string vendor_encapsulated_options
define 44 array ipaddress netbios_name_servers
define 45 ipaddress netbios dd server
define 46 byte netbios_node_type
define 47 string netbios_scope
define 48 array ipaddress font_servers
define 49 array ipaddress x_display_manager
define 50 ipaddress dhcp requested address
define 51 request uint32 dhcp_lease_time
define 52 byte dhcp_option_overload
define 53 byte dhcp message type
define 54 ipaddress dhcp_server_identifier
define 55 array byte dhcp_parameter_request_list
define 56 string dhcp_message
define 57 uint16 dhcp_max_message_size
define 58 request uint32 dhcp_renewal_time
define 59 request uint32 dhcp_rebinding_time
define 60 binhex vendor_class_identifier
define 61 binhex dhcp_client_identifier
define 64 string nisplus_domain
define 65 array ipaddress nisplus_servers
define 66 string tftp_server_name
define 67 string bootfile_name
define 68 array ipaddress mobile_ip_home_agent
define 69 array ipaddress smtp_server
define 70 array ipaddress pop_server
define 71 array ipaddress nntp_server
define 72 array ipaddress www_server
define 73 array ipaddress finger_server
define 74 array ipaddress irc_server
define 75 array ipaddress streettalk_server
define 76 array ipaddress streettalk_directory_assistance_server
# DHCP User Class, RFC3004
define 77 string user_class
# DHCP SLP Directory Agent, RFC2610
define 78 embed slp_agent
```

```
embed byte mandatory
embed array ipaddress address
define 79 embed slp_service
embed byte mandatory
embed string scope_list
# DHCP Rapid Commit, RFC4039
define 80 norequest flag rapid_commit
# DHCP Fully Qualified Domain Name, RFC4702
define 81 embed fqdn
embed byte flags
embed byte rcode1
embed byte rcode2
embed domain fqdn
# Option 82 is for Relay Agents and DHCP servers
# Options 83 ad 84 are unused, RFC3679
# DHCP Novell Directory Services, RFC2241
define 85 array ipaddress nds_servers
define 86 string nds_tree_name
define 87 string nds_context
# DHCP Broadcast and Multicast Control Server, RFC4280
define 88 domain bcms controller names
define 89 array ipaddress bcms_controller_address
# DHCP Authentication, RFC3118
define 90 embed auth
embed byte protocol
embed byte algorithm
embed byte rdm
embed binhex:8 replay
embed binhex information
# DHCP Leasequery, RFC4388
define 91 uint32 client_last_transaction_time
define 92 array ipaddress associated_ip
# DHCP Options for Intel Preboot eXecution Environent (PXE), RFC4578
# Options 93, 94 and 97 are used but of no use to dhcpcd
# Option 95 used by Apple but never published RFC3679
# Option 96 is unused, RFC3679
```

DHCP The Open Group's User Authentication Protocol, RFC2485

```
# DHCP Civic Addresses Configuration Information, RFC4776
define 99 encap geoconf_civic
embed byte what
embed uint16 country_code
# The rest of this option is not supported
# DHCP Timezone, RFC4883
define 100 string posix timezone
define 101 string tzdb_timezone
# Options 102-115 are unused, RFC3679
# DHCP Auto-Configuration, RFC2563
define 116 byte auto_configure
# DHCP Name Service Search, RFC2937
define 117 array uint16 name_service_search
# DHCP Subnet Selection, RFC3011
define 118 ipaddress subnet_selection
# DHCP Domain Search, RFC3397
define 119 domain domain_search
# DHCP Session Initiated Protocol Servers, RFC3361
define 120 rfc3361 sip_server
# Option 121 is defined at the top of this file
# DHCP CableLabs Client, RFC3495
define 122 encap tsp
encap 1 ipaddress dhcp_server
encap 2 ipaddress dhcp_secondary_server
encap 3 rfc3361 provisioning_server
encap 4 embed as_req_as_rep_backoff
embed uint32 nominal
embed uint32 maximum
embed uint32 retry
encap 5 embed ap_req_ap_rep_backoff
embed uint32 nominal
embed uint32 maximum
embed uint32 retry
encap 6 domain kerberos_realm
encap 7 byte ticket_granting_server_utilization
encap 8 byte provisioning_timer
```

```
# DHCP Coordinate LCI, RFC6225
# We have no means of expressing 6 bit lengths
define 123 binhex geoconf
# DHCP Vendor-Identifying Vendor Options, RFC3925
define 124 binhex vivco
define 125 embed vivso
embed uint32 enterprise_number
# Vendor options are shared between DHCP/DHCPv6
# Their code is matched to the enterprise number defined above
# see the end of this file for an example
# Options 126 and 127 are unused, RFC3679
# DHCP Options for Intel Preboot eXecution Environent (PXE), RFC4578
# Options 128-135 are used but of no use to dhcpcd
# DHCP PANA Authentication Agent, RFC5192
define 136 array ipaddress pana_agent
# DHCP Lost Server, RFC5223
define 137 domain lost_server
# DHCP CAPWAP, RFC5417
define 138 array ipaddress capwap_ac
# DHCP Mobility Services, RFC5678
define 139 encap mos_ip
encap 1 array ipaddress is
encap 2 array ipaddress cs
encap 3 array ipaddress es
define 140 encap mos_domain
encap 1 domain is
encap 2 domain cs
encap 3 domain es
# DHCP SIP UA, RFC6011
define 141 domain sip_ua_cs_list
# DHCP ANDSF, RFC6153
define 142 array ipaddress andsf
define 143 array ip6address andsf6
# DHCP Coordinate LCI, RFC6225
# We have no means of expressing 6 bit lengths
define 144 binhex geoloc
# DHCP FORCERENEW Nonce Capability, RFC6704
```

```
# DHCP RDNSS Selection for MIF Nodes, RFC6731
define 146 embed rdnss selection
embed byte prf
embed ipaddress primary
embed ipaddress secondary
embed domain domains
# Options 147, 148 and 149 are unused, RFC3942
# DHCP TFTP Server Address, RFC5859
define 150 array ipaddress tftp_servers
# Options 151-157 are used for Lease Query, RFC6926 and not for dhcpcd
# Options 158-174 are unused, RFC3942
# Options 175-177 are tentativel assigned for Etherboot
# Options 178-207 are unused, RFC3942
# DHCP PXELINUX, RFC5071
define 208 binhex pxelinux magic
define 209 string config_file
define 210 string path_prefix
define 211 uint32 reboot_time
# DHCP IPv6 Rapid Deployment on IPv4 Infrastructures, RFC5969
define 212 rfc5969 sixrd
# DHCP Access Network Domain Name, RFC5986
define 213 domain access domain
# Options 214-219 are unused, RFC3942
# DHCP Subnet Allocation, RFC6656
# Option 220 looks specific to Cisco hardware.
# DHCP Virtual Subnet Selection, RFC6607
define 221 encap vss
encap 0 string nvt
encap 1 binhex vpn_id
encap 255 flag global
# Options 222 and 223 are unused, RFC3942
# Options 224-254 are reserved for Private Use
# Option 255 End
# DHCPv6 options, RFC3315
```

define6 1 binhex client_id define6 2 binhex server_id define6 3 norequest index embed ia_na embed binhex:4 iaid embed uint32 t1 embed uint32 t2 encap 5 option encap 13 option define6 4 norequest index embed ia_ta embed uint32 iaid encap 5 option encap 13 option define6 5 norequest index embed ia_addr embed ip6address ia_addr embed uint32 pltime embed uint32 vltime encap 13 option define6 6 array uint16 option_request define 67 byte preference define6 8 uint16 elased_time define6 9 binhex dhcp_relay_msg # Option 10 is unused define6 11 embed auth embed byte protocol embed byte algorithm embed byte rdm embed binhex:8 replay embed binhex information define6 12 ip6address unicast define6 13 norequest embed status_code embed uint16 status_code embed string message define6 14 norequest flag rapid_commit define6 15 binhex user_class define6 16 binhex vivco define6 17 embed vivso embed uint32 enterprise_number # Vendor options are shared between DHCP/DHCPv6

```
# See the end of this file for an example
define6 18 binhex interface_id
define6 19 byte reconfigure_msg
define6 20 flag reconfigure_accept
# DHCPv6 Session Initiation Protocol Options, RFC3319
define6 21 domain sip_servers_names
define6 22 array ip6address sip_servers_addresses
# DHCPv6 DNS Configuration Options, RFC3646
define6 23 array ip6address name_servers
define6 24 domain domain_search
# DHCPv6 Prefix Options, RFC6603
define6 25 norequest index embed ia_pd
embed binhex:4 iaid
embed uint32 t1
embed uint32 t2
encap 26 option
define6 26 index embed prefix
embed uint32 pltime
embed uint32 vltime
embed byte length
embed ip6address prefix
encap 13 option
encap 67 option
# DHCPv6 Network Information Service Options, RFC3898
define6 27 array ip6address nis_servers
define6 28 array ip6address nisp_servers
define6 29 domain nis_domain_name
define6 30 domain nisp_domain_name
# DHCPv6 Simple Network Time Protocol Servers Option, RFC4075
define6 31 array ip6address sntp_servers
# DHCPv6 Information Refresh Time, RFC4242
define6 32 uint32 info_refresh_time
# DHCPv6 Broadcast and Multicast Control Server, RFC4280
define6 33 domain bcms_server_d
define6 34 array ip6address bcms_server_a
# DHCP Civic Addresses Configuration Information, RFC4776
define6 36 encap geoconf_civic
embed byte what
```

Their code is matched to the enterprise number defined above

```
embed uint16 country_code
# The rest of this option is not supported
# DHCP Relay Agent Remote-ID, RFC4649
define6 37 embed remote_id
embed uint32 enterprise_number
embed binhex remote id
# DHCP Relay Agent Subscriber-ID, RFC4580
define6 38 binhex subscriber id
# DHCPv6 Fully Qualified Domain Name, RFC4704
define6 39 embed fqdn
embed byte flags
embed domain fqdn
# DHCPv6 PANA Authentication Agnet, RC5192
define6 40 array ip6address pana_agent
# DHCPv6 Timezone options, RFC4883
define6 41 string posix_timezone
define6 42 string tzdb_timezone
# DHCPv6 Relay Agent Echo Request
define6 43 array uint16 ero
# Options 44-48 are used for Lease Query, RFC5007 and not for dhcpcd
# DHCPv6 Home Info Discovery in MIPv6, RFC6610
define6 49 domain mip6_hnidf
define6 50 encap mip6_vdinf
encap 71 option
encap 72 option
encap 73 option
# DHCPv6 Lost Server, RFC5223
define6 51 domain lost_server
# DHCPv6 CAPWAP, RFC5417
define6 52 array ip6address capwap_ac
# DHCPv6 Relay-ID, RFC5460
define6 53 binhex relay_id
# DHCP Mobility Services, RFC5678
define6 54 encap mos_ip
encap 1 array ip6address is
```

encap 2 array ip6address cs

```
encap 3 array ip6address es
define6 55 encap mos_domain
encap 1 domain is
encap 2 domain cs
encap 3 domain es
# DHCPv6 Network Time Protocol Server, RFC5908
define6 56 encap ntp_server
encap 1 ip6address addr
encap 2 ip6address mcast_addr
encap 3 ip6address fqdn
# DHCPv6 LIS Discovery, RFC5986
define6 57 domain access_domain
# DHCPv6 SIP UA, RFC6011
define6 58 domain sip_ua_cs_list
# DHCPv6 Network Boot, RFC5970
define6 59 string bootfile_url
# We presently cannot decode bootfile_param
define6 60 binhex bootfile_param
define6 61 array uint16 architecture_types
define6 62 embed nii
embed byte type
embed byte major
embed byte minor
# DHCPv6 Coordinate LCI, RFC6225
# We have no means of expressing 6 bit lengths
define6 63 binhex geoloc
# DHCPv6 AFTR-Name, RFC6334
define6 64 domain aftr name
# DHCPv6 Prefix Exclude Option, RFC6603
define6 67 embed pd_exclude
embed byte prefix_len
embed binhex subnetID
# DHCPv6 Home Info Discovery in MIPv6, RFC6610
define6 69 encap mip6_idinf
encap 71 option
encap 72 option
encap 73 option
define6 70 encap mip6_udinf
encap 71 option
encap 72 option
```

encap 73 option define6 71 embed mip6_hnp embed byte prefix_len embed ip6address prefix define6 72 ip6address mip6_haa define6 73 domain mip6_haf # DHCPv6 RDNSS Selection for MIF Nodes, RFC6731 define6 74 embed rdnss_selection embed ip6address server embed byte prf embed domain domains # DHCPv6 Kerberos, RFC6784 define6 75 domain krb_principal_name define6 76 domain krb_realm_name define6 78 embed krb_kdc embed uint16 priority embed uint16 weight embed byte transport_type embed uint16 port embed ip6address address embed domain realm_name # DHCPv6 Client Link-Layer Address, RFC6939 # Section 7 states that clients MUST ignore the option 79 # DHCPv6 Relay-Triggered Reconfiguraion, RFC6977 define6 80 ip6address link_address # DHCPv6 Radius, RFC7037 # Section 7 states that clients MUST ignore the option 81 # DHCPv6 SOL_MAX_RT, RFC7083 define6 82 request uint32 sol_max_rt define6 83 request uint32 inf_max_rt # DHCPv6 Address Selection Policy # Currently not supported # Options 86-65535 are unasssinged # Vendor-Identifying Vendor Options # An example: #vendopt 12345 encap frobozzco #encap 1 string maze_location

#encap 2 byte grue_probability

Found in path(s):

*/opt/ws_local/PERMITS_SQL/1031892824_1588799967.26/0/dhcpcd-6-4-7-tar/dhcpcd-6.4.7/dhcpcd-definitions.conf

1.27 libtirpc 0.2.4

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1.29 net-snmp 5.7.2

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1.30 attr 2.4.47

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Version 3, 29 June 2007

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Contributors to bttv:

Michael Chu <mmchu@pobox.com>

AverMedia fix and more flexible card recognition

Alan Cox <alan@lxorguk.ukuu.org.uk>
Video4Linux interface and 2.1.x kernel adaptation

Chris Kleitsch Hardware I2C

Gerd Knorr <kraxel@cs.tu-berlin.de> Radio card (ITT sound processor)

bigfoot
 bigfoot@net-way.net>
 Ragnar Hojland Espinosa <ragnar@macula.net>
 ConferenceTV card

```
like to be mentioned)
/* 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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```

+ many more (please mail me if you are missing in this list and would

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*

* M. Welsh, 6 July 1996

*

4

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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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1.37 lighttpd 1.4.33

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1.38 zlib 1.2.8

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1.39 tcp-wrappers 7.6

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1.40 kmod 16

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1.42 openssl 1.0.1p

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1.44 libcap 2.22

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1.49 libtasn 3.4

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

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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.)

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

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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) or init_by_array(init_key, key_length).

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Sockets

The :mod:`socket` module uses the functions, :func:`getaddrinfo`, and :func:`getnameinfo`, which are coded in separate source files from the WIDE Project, http://www.wide.ad.jp/. ::

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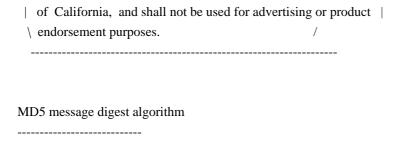
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Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

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The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically. 1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
1999-05-03 lpd Original version.

Asynchronous socket services

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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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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	Release Deriv		ed Year			Owner GPL	
from					com	patibl	e? (1)
0.9.0 thru	1	991-1	995	CW	I	yes	
1.3 thru 1	1.5.2 1.2		1995-	199	9 CN	√RI	yes
1.6	1.5.2	20	000	Cì	NRI	no	
2.0	1.6	200	00	Be	Open.	com 1	no
1.6.1	1.6	20	01	Cì	NRI	yes	(2)
2.1	2.0+1.6	5.1	2001]	PSF	no)
2.0.1	2.0+1.6	5.1	2001		PSF	ye	es
2.1.1	2.1+2.0	0.1	2001		PSF	ye	es
2.2	2.1.1	20	01	PS	F	yes	
2.1.2	2.1.1	20	002	P	SF	yes	
2.1.3	2.1.2	20	002	P	SF	yes	
2.2.1	2.2	20	02	PS	F	yes	
2.2.2	2.2.1	20	002	P	SF	yes	
2.2.3	2.2.2	20	003	P	SF	yes	
2.3	2.2.2	20	02-20	03	PSF	ye	es
2.3.1	2.3	20	02-20	03	PSF	ye	es
2.3.2	2.3.1	20	002-20	003	PSF	У	res
2.3.3	2.3.2	20	002-20	003	PSF	У	res
2.3.4	2.3.3	20	004	P	SF	yes	
2.3.5	2.3.4	20	005	P	SF	yes	
2.4	2.3	200	04	PS	F	yes	
2.4.1	2.4	20	05	PS	F	yes	
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2.4.3	2.4.2	20	006	P	SF	yes	
2.4.4	2.4.3	20	006	P	SF	yes	
2.5	2.4	200	06	PS	F	yes	
2.5.1	2.5	20	07	PS	F	yes	
2.5.2	2.5.1	20	800	P	SF	yes	
2.5.3	2.5.2	20	800	P	SF	yes	
2.6	2.5	200	08	PS	F	yes	
2.6.1	2.6	20	80	PS	F	yes	
2.6.2	2.6.1	20	009	P	SF	yes	
2.6.3	2.6.2	20	009	P	SF	yes	

2.7	2.6	2010	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
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1.53 busybox 1.22.1

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Julian Seward, Cambridge, UK. jseward@bzip.org bzip2/libbzip2 version 1.0.4 of 20 December 2006 --- A note on GPL versions

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1.54 json-c 0.12

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1.57 xz 5.1.3alpha

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1.59 tcp-dump 4.3.0

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1.60 glibc 2.19

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