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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.5 of 10 December 2007

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

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

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

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

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you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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

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

a) The modified work must itself be a software library.

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

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

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

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

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

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

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

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

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

4. You may copy and distribute the Library (or a portion or

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

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.
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6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a

work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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

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<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
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For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link a program 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.

Our method of protecting your rights has two steps: (1) copyright
the library, and (2) offer you this license which gives you legal
permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain
that everyone understands that there is no warranty for this free
library. If the library is modified by someone else and passed on, we
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Finally, any free program is threatened constantly by software
patents. We wish to avoid the danger that companies distributing free
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transforming the program into proprietary software. To prevent this,
we have made it clear that any patent must be licensed
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Most GNU software, including some libraries, is covered by the ordinary
GNU General Public License, which was designed for utility programs. This
license, the GNU Library General Public License, applies to certain
designated libraries. This license is quite different from the ordinary
one; be sure to read it in full, and don't assume that anything in it is
the same as in the ordinary license.

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

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

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

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

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

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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the use of the Library in a tool for
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and what the program that uses the Library does.

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above, provided that you also meet all of these conditions:

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b) You must cause the files modified to carry prominent notices
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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.

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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

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1.9 glib 2.42.1

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1.12 acpid 2.0.25

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1.19 libffi 6.0.4

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A ``library'' means a collection of software functions and/or data
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(which use some of those functions and data) to form executables.

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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
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Section 1
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You must cause the files modified to carry prominent notices
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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

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entire whole, and thus to each and every part regardless of who wrote
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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
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In addition, mere aggregation of another work not based on the Library
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that version instead if you wish.) Do not make any other change in
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This option is useful when you wish to copy part of the code of
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You may copy and distribute the Library (or a portion or
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under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

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

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A program that contains no derivative of any portion of the
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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.

@item
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:

@enumerate a
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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
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@item
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@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.

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Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
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Give prominent notice with the combined library of the fact
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@page
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^L
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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
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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.

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case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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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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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
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In addition, mere aggregation of another work not based on the Library
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that copy, so the ordinary GNU General Public License applies to all
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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
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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
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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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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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1.25 procps 3.2.8

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1.26 dropbear 2020.81

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1.27 tdb 1.42.13

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1.28 libssh2 1.10.0

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1.30 berkeley-db 4.4.20

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1.32 pciutils 3.5.2

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1.33 iperf 3.3

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 * tcp_window_size.c
 * by Mark Gates <mgates@nlanr.net>
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 * set/getsockopt
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 * stdio.c
 * by Mark Gates <mgates@nlanr.net>
 * and Ajay Tirumalla <tirumala@ncsa.uiuc.edu>
 * ----------------------------------------------------------------
 * input and output numbers, converting with kilo, mega, giga
  * ---------------------------------------------------------------- */
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1.34 linux-kernel 3.0.8

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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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*
* M. Welsh, 6 July 1996
*
*
*/
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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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will lead to faster development of free libraries.

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

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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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(If you think you should be in this list, but you are not, drop a
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1.37 e2fsprogs 1.42.13

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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

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-
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This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

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

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

image:  $(BSD_LIB)

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

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

install-strip: install

install-shlibs-strip: install-shlibs

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

clean::
 $(RM)
 -rf pic
 $(RM) -f $(BSD_LIB)
 $(RM) -f ../$(BSD_LIB)
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    23-June-2007

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Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

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1.38 libpng 1.2.44

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pnm2png / png2pnm --- conversion from PBM/PGM/PPM-file to PNG-file

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#!/usr/bin/env bash
# MIT licenses will each have a unique MD5 sum since they contain a unique copyright.
# This script will read the license file into memory, strip out the copyright, and then
# generate an MD5 that is not unique and can be matched against a known MIT MD5 sum.
set -e

calculate_md5_sum() {
 local FILE="$1"

 # Read the contents of the file into a variable
 local raw_license_text=$(<"$FILE")

 # Convert to lowercase
 local lowercase_license_text="${raw_license_text,,}"

 # Remove anything before the beginning of the license
 local stripped_license_text=$(awk '/permission is hereby granted,/{p=1} p' <<< "$lowercase_license_text")

 # Replace line breaks (Windows or Linux) with a single space
 local replaced_linebreaks=$(tr '\r\n' ' ' <<< "$stripped_license_text")

 # Replace multiple spaces with a single space
 local normalized_license_text=$(tr -s ' ' <<< "$replaced_linebreaks")

 # Strip away any non-printable, non-whitespace characters
 local clean_unprintable_license_text=$(tr
 -cd '[:print:][:space:]' <<< "$normalized_license_text")

 # Remove punctuation and special characters
 local clean_license_text=$(echo "$clean_unprintable_license_text" | sed 's/[^a-zA-Z ]//g')

 # Calculate the MD5 sum of the cleaned license text
 local MD5SUM=$(echo -n "$clean_license_text" | md5sum | awk '{print $1}')
```

```
 # Output the MD5 sum
 echo "$MD5SUM"
}

# Check if the FILE argument is provided
if [ -z "$1" ]; then
 echo "Please provide a FILE as an argument."
 exit 1
fi

# Invoke the function with the provided FILE argument
calculate_md5_sum "$1"
WEV @@ WEV[B  "1
x   ?"U@,5  @mISmIN<GimCN7g1u|E
43mI,5WEV @@ WEV   @mImImIAmImImI0mImImI*mImI
A0mImImI...
lost+found...

;9GimCN7g

!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

!"#$%&'()*+,-
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1.40 pcre 8.39

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

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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.

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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".)

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

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

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

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

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

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

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline

functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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

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a) Accompany
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2)

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1.49 cjson 1.5.6

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1.50 iproute 3.19.0

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1.51 bind 9.9.0

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<!-- $Id: copyright.xsl,v 1.8 2009-07-10 23:47:58 tbox Exp $ -->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
 version="1.0">

 <xsl:template name="isc.copyright.format">
   <xsl:param name="text"/>
   <xsl:value-of select="$isc.copyright.leader"/>
   <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
   <xsl:text>&#10;</xsl:text>
   <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
   <xsl:if test="translate($rest, '&#9;&#32;', '')">
     <xsl:call-template name="isc.copyright.format">
       <xsl:with-param name="text" select="$rest"/>
     </xsl:call-template>
   </xsl:if>
 </xsl:template>

 <xsl:variable name="isc.copyright.text">
```

```
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 </xsl:variable>

 <xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
 <xsl:for-each select="/refentry/docinfo/copyright | /book/bookinfo/copyright">
  <xsl:text>Copyright (C) </xsl:text>
  <xsl:call-template name="copyright.years">
    <xsl:with-param name="years" select="year"/>
  </xsl:call-template>
  <xsl:text> </xsl:text>
  <xsl:value-of select="holder"/>
  <xsl:text>&#10;</xsl:text>
 </xsl:for-each>
 <xsl:value-of select="$isc.copyright.text"/>
    </xsl:with-param>
  </xsl:call-template>
 </xsl:variable>

</xsl:stylesheet>

<!--

 - Local variables:
 - mode: sgml
 - End:
-->
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* configure.ac, Makefile.am: The original versions were derived from the
 ones in the XML Catalog Manager project, version 2.2.

 Author: Julio Merino
 <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were
 derived form the ones in the Monotone project, revision
 3a0982da308228d796df35f98d787c5cff2bb5b6.

 Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp:
 These files were derived from the file_handle, systembuf, pipe and pistream
 classes and tests found in the Boost.Process library.

 Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk,
 admin/check-style-cpp.awk, admin/check-style-shell.awk: These files,
 except the first one, were first implemented in the Buildtool project.
 They were later adapted to be part of Boost.Process and, during that
 process, the shell script was created.

 Author: Julio Merino <jmmv84@gmail.com>

==
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1.52 netbsd-resolv 2.9

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* /opt/cola/permits/1888793256_1705621517.8910515/0/libedit-2-9-cvs-20050518-orig-tar-gz/libedit-

2.9.cvs.20050518.orig/libedit-20050518/readline/readline.h
* /opt/cola/permits/1888793256_1705621517.8910515/0/libedit-2-9-cvs-20050518-orig-tar-gz/libedit-2.9.cvs.20050518.orig/libedit-20050518/filecomplete.h
* /opt/cola/permits/1888793256_1705621517.8910515/0/libedit-2-9-cvs-20050518-orig-tar-gz/libedit-2.9.cvs.20050518.orig/libedit-20050518/filecomplete.c
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* /opt/cola/permits/1888793256_1705621517.8910515/0/libedit-2-9-cvs-20050518-orig-tar-gz/libedit-2.9.cvs.20050518.orig/glibc-compat/strlcpy.c
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1.54 zlib 1.2.8

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1.55 lwip 2.1.0

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*
* $Id: magic.h,v 1.5 2003/06/11 23:56:26 paulus Exp $
*/
/*****************************************************************************
*
 randm.h - Random number generator header file.
*
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*
*****************************************************************************
* REVISION HISTORY
*
* 03-01-01 Marc Boucher <marc@mbsi.ca>
*   Ported to lwIP.
* 98-05-29 Guy Lancaster <glanca@gesn.com>, Global Election Systems Inc.
*   Extracted from avos.
*****************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/netif/ppp/magic.h

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```
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* ccp.h - Definitions for PPP Compression Control Protocol.
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* $Id: ccp.h,v 1.12 2004/11/04 10:02:26 paulus Exp $
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```
/*
* pppcrypt.c - PPP/DES linkage for MS-CHAP and EAP SRP-SHA1
*
* Extracted from chap_ms.c by James Carlson.
*
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/netif/ppp/pppcrypt.h
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*
* Author: Adam Dunkels <adam@sics.se>
*
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/netif/bridgeif.c
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/netif/bridgeif_fdb.c
*
 /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/netif/bridgeif.h
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```
/*
* eap.c - Extensible Authentication Protocol for PPP (RFC 2284)
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*
* Original version by James Carlson
*
* This implementation of EAP supports MD5-Challenge and SRP-SHA1
* authentication styles.  Note that support of MD5-Challenge is a
* requirement of RFC 2284, and
 that it's essentially just a
* reimplementation of regular RFC 1994 CHAP using EAP messages.
*
* As an authenticator ("server"), there are multiple phases for each
* style.  In the first phase of each style, the unauthenticated peer
* name is queried using the EAP Identity request type.  If the
* "remotename" option is used, then this phase is skipped, because
* the peer's name is presumed to be known.
*
* For MD5-Challenge, there are two phases, and the second phase
* consists of sending the challenge itself and handling the
* associated response.
*
* For SRP-SHA1, there are four phases.  The second sends 's', 'N',
* and 'g'.  The reply contains 'A'.  The third sends 'B', and the
* reply contains 'M1'.  The forth sends the 'M2' value.
*
* As an authenticatee ("client"), there's just a single phase --
* responding to the queries generated by the peer.  EAP is an
* authenticator-driven protocol.
*
* Based on draft-ietf-pppext-eap-srp-03.txt.
*/
```

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*
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/ports/unix/lib/lwipopts.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/pbuf.c
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/priv/tcpip_priv.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/init.h.cmake.in
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/netbuf.h
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/raw.h
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/inet_chksum.c
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/ipv4/ip4.c
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/memp.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/tcp_out.c
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/prot/ethernet.h
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-

33e7fe0/src/include/lwip/netif.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/mem.h
*
/opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/ip_addr.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/raw.c
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/prot/nd6.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/stats.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/tcp.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/tcpip.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/sockets.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/inet_chksum.h
*
/opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/prot/etharp.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/tcp.c
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/api/tcpip.c
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/priv/memp_priv.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/ip.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/prot/mld6.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/ipv4/ip4_addr.c
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/prot/tcp.h
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/prot/ip6.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/prot/ip.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/def.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/priv/tcp_priv.h

* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/errno.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/prot/igmp.h
*
/opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/icmp.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/opt.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/tcpbase.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/ipv4/icmp.c
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/memp.c
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/api/netbuf.c
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/api/api_msg.c
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/prot/ip4.h
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*
* Author: Simon Goldschmidt <goldsimon@gmx.de>
*
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* Author: Adam Dunkels <adam@sics.se>
*
* Improved by Marc Boucher <marc@mbsi.ca> and David Haas <dhaas@alum.rpi.edu>
*

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* mppe.h - Definitions for MPPE
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```
/**
* \file md5.h
*
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*
*  Copyright (C) 2009  Paul Bakker <polarssl_maintainer at polarssl dot org>
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```
/*
*  RFC 1186/1320 compliant MD4 implementation
*
*  Based on XySSL: Copyright (C) 2006-2008  Christophe Devine
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*  Copyright (C) 2009  Paul Bakker <polarssl_maintainer at polarssl dot org>
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```
/*
* chap_ms.h - Challenge Handshake Authentication Protocol definitions.
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*
* $Id: chap_ms.h,v 1.13 2004/11/15 22:13:26 paulus Exp $
*/
```

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```
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*
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* chap-md5.c - New CHAP/MD5 implementation.
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*
* Modified June 1993 by Paul Mackerras, paulus@cs.anu.edu.au,
* so that the entire packet being decompressed doesn't have
* to be in contiguous memory (just the compressed header).
*
* Modified March 1998 by Guy Lancaster, glanca@gesn.com,
* for a 16 bit processor.
*/

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* pppoe.h - PPP Over Ethernet implementation for lwIP.
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* 06-01-01 Marc Boucher <marc@mbsi.ca>
*   Ported to lwIP.
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* lcp.h - Link Control Protocol definitions.
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* $Id: lcp.h,v 1.20 2004/11/14 22:53:42 carlsonj Exp $
*/
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```
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*  RFC 1321 compliant MD5 implementation
*
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```
/*****************************************************************************
* ppp.h - Network Point to Point Protocol header file.
*
```

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* 03-01-01 Marc Boucher <marc@mbsi.ca>
*   Ported to lwIP.
* 97-11-05 Guy Lancaster <glanca@gesn.com>, Global Election Systems Inc.
*   Original derived from BSD codes.
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/compat/posix/netdb.h
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/netif/ppp/pppapi.c
*
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/api/netifapi.c
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* Modifications by Frank Cusack, frank@google.com, March 2002.
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*
* Author: Simon Goldschmidt <goldsimon@gmx.de>
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/ipv6/dhcp6.c
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* Author: Adam Dunkels <adam@sics.se>
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/api/api_lib.c
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/netif.c
*
/opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/sys.h
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* $Id: ecp.h,v 1.2 2003/01/10 07:12:36 fcusack Exp $
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*
* Author: Dirk Ziegelmeier <dziegel@gmx.de>
*
*/
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/prot/ieee.h
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```
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* ppp.h - Network Point to Point Protocol header file.
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* REVISION HISTORY
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* 03-01-01 Marc Boucher <marc@mbsi.ca>
*   Ported to lwIP.
* 97-11-05 Guy Lancaster <glanca@gesn.com>, Global Election Systems Inc.
*   Original derived from BSD codes.
**********************************************************************/
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* Author: Adam Dunkels <adam@sics.se>
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/netif/ethernet.h
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/*
* Definitions for tcp compression routines.

```
*
* $Id: vj.h,v 1.7 2010/02/22 17:52:09 goldsimon Exp $
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/altcp_tcp.c
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/altcp_tcp.h
*
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/altcp_alloc.c
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* Author: Adam Dunkels <adam@sics.se>
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*
* Author: Magnus Ivarsson <magnus.ivarsson(at)volvo.com>
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* REVISION HISTORY
*
* 03-01-01 Marc Boucher <marc@mbsi.ca>
*   Ported to lwIP.
* 97-11-05 Guy Lancaster <lancasterg@acm.org>, Global Election Systems Inc.
*   Original.
*****************************************************************************/
/*
* ppp_defs.h - PPP definitions.
*
* if_pppvar.h - private structures and declarations for PPP.
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*
* Author: Ivan Delamer <delamer@inicotech.com>
*
* Structs and macros for handling IPv6 addresses.
*
* Please coordinate changes and requests with Ivan Delamer
* <delamer@inicotech.com>
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```
*
* Author: Ivan Delamer <delamer@inicotech.com>
*
* Functions for handling IPv6 addresses.
*
* Please coordinate changes and requests with Ivan Delamer
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```
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* randm.c - Random number
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*
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* REVISION HISTORY
*
* 03-01-01 Marc Boucher <marc@mbsi.ca>
*   Ported to lwIP.
* 98-06-03 Guy Lancaster <lancasterg@acm.org>, Global Election Systems Inc.
*   Extracted from avos.
**/

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* Author: Simon Goldschmidt
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/api/netdb.c
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* Port to lwIP from uIP
* by Jim Pettinato April 2007
*
* security fixes and more by Simon Goldschmidt
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/prot/dns.h
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* $Id: eui64.c,v 1.6 2002/12/04 23:03:32 paulus Exp $
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/netif/lowpan6_ble.c
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*
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/ipv6/inet6.c
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* Author: Jani Monoses <jani@iv.ro>
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* original reassembly code by Adam Dunkels <adam@sics.se>
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*
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```
/*
*  An implementation of the ARCFOUR algorithm
*
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* upap.h - User/Password Authentication Protocol definitions.
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* $Id: upap.h,v 1.8 2002/12/04 23:03:33 paulus Exp $
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```
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* auth.c - PPP authentication and phase control.
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* FIPS-46-3 compliant Triple-DES implementation
*
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* This file is part of the lwIP TCP/IP stack.
*
* Author: Adam Dunkels <adam@sics.se>
*         Simon Goldschmidt
*
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/timeouts.c
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/core/mem.c
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* ecp.c - PPP Encryption Control Protocol.
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* Author: Simon Goldschmidt <goldsimon@gmx.de>
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/netif/zepif.h
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* fsm.h - {Link, IP} Control Protocol Finite State Machine definitions.
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```
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*   Ported to lwIP.
* 98-07-29 Guy Lancaster <lancasterg@acm.org>, Global Election Systems Inc.
*   Original.
*
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/netif/ppp/chap-new.c
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* Author: Ivan Delamer <delamer@inicotech.com>
*
*
* Please coordinate changes and requests with Ivan Delamer
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-
33e7fe0/src/netif/lowpan6.c
*
 /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-
33e7fe0/src/include/netif/lowpan6.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-
33e7fe0/src/include/netif/lowpan6_opts.h
* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-
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* \file des.h
*
*  Based on XySSL: Copyright (C) 2006-2008  Christophe Devine
*
```

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```
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* eap.h - Extensible Authentication Protocol for PPP (RFC 2284)
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*
* Original version by James Carlson
*
* $Id: eap.h,v 1.2 2003/06/11 23:56:26 paulus Exp $
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/include/lwip/prot/dhcp.h
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```
/*
* mppe.c - interface MPPE to the PPP code.
*
* By Frank Cusack <fcusack@fcusack.com>.
```

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*
* Changelog:
*     08/12/05 - Matt Domsch <Matt_Domsch@dell.com>
*              Only need extra skb padding on transmit, not receive.
*     06/18/04 - Matt Domsch <Matt_Domsch@dell.com>, Oleg Makarenko <mole@quadra.ru>
*              Use Linux kernel 2.6 arc4 and sha1 routines rather than
*              providing our own.
*     2/15/04 - TS: added #include <version.h> and testing for Kernel
*                version before using
*                MOD_DEC_USAGE_COUNT/MOD_INC_USAGE_COUNT
 which are
*                deprecated in 2.6
*/
```

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* Author: Adam Dunkels <adam@sics.se>
*
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* /opt/cola/permits/1893715868_1706194142.457921/0/heiher-lwip-2-1-2-0-g33e7fe0-tar-gz/heiher-lwip-33e7fe0/src/ports/unix/port/netif/tapif.c
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* demand.c - Support routines for demand-dialling.
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/**
* lwip DNS resolver header file.

* Author: Jim Pettinato
*   April 2007

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1.57 contiki 3.0

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=====

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loginrec.h
atomicio.h
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curve25519.c:

Modified TweetNaCl version 20140427, a self-contained public-domain C library.
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