Open Source Used In Cisco Unified Communications Domain Manager 11.5.3

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1.2 apt 1.0.1ubuntu2.14

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1.3 apt 1.0.1ubuntu2.15

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* configure.ac, Makefile.am: The original versions were derived from the
  ones in the XML Catalog Manager project, version 2.2.

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

* atf-c/ui.c: The format_paragraph and format_text functions were
derived from the ones in the Monotone project, revision
  3a0982da308228d796df35f98d787c5c5ff2bb5b6,
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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vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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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="normalize-space(substring-before($text, '&#10;'))"/>
    <xsl:text>&#10;</xsl:text>
    <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
    <xsl:if test="translate($rest, '&#9;&#32;', '')">
      <xsl:value-of select="$isc.copyright.leader"/>
      <xsl:value-of select="normalize-space($rest)"/>
    </xsl:if>
  </xsl:template>
</xsl:stylesheet>
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1.7 binutils 2.24-5ubuntu14.1 :5ubuntu14.1

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

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

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

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

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

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

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

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

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

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

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

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.
7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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Appendix: How to Apply These Terms to Your New Libraries

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

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

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

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
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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
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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.

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

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

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

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more
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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 the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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That's all there is to it!

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Version 2.1, February 1999

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

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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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@enumerate a @item
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@item
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
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@item
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@item
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@end enumerate

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

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

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

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

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

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

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

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

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

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

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

For an executable, the required form of the "work that uses the
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(This file is under construction.)

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

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

++++++++++++++++

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

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

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

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.
The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

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

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

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

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

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

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

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

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

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

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

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

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

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

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

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

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

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

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@end iftex

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@ifx
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@end ifx
@ifinfo
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@page
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The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

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Preamble

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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 want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

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 on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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

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

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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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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Appendix: How to Apply These Terms to Your New Libraries

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You should also get your employer (if you work as a programmer) or your 
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library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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as the successor of the GNU Library Public License, version 2, hence the 
version number 2.1.]
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@appendixsubsec Preamble

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

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

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

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can recompile 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 `Lesser` General Public License because it does `Less` to protect the user's freedom than the ordinary General Public License. It also provides other free software developers `Less` of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.
This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called ``this License''). Each licensee is addressed as ``you''.

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

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

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

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

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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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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.

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.

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
@item
@enumerate
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.)

@item
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.

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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.

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@enumerate
@item
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Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.
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```
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```
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@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample

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

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

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

The Intel 80386 machine description was written by Eliot Dresselhaus.

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

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

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

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

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.
Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

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

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

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

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

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

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

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

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

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

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

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```
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```

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### 1.15 cracklib2 2.9.1 :1build1

#### 1.15.1 Available under license:

This package was debianized by Jean Pierre LeJacq
<jplejacq@quoininc.com> on Wed, 25 Feb 1998. Martin Pitt <martin@piware.de> was the package's maintainer up to version 2.7.19-1. The current maintainer is Jan Dittberner <jandd@debian.org>.

It was downloaded from http://sourceforge.net/projects/cracklib

Copyright (c) 1993 Alec Muffett <alecm@crypto.dircon.co.uk>,
Copyright (c) 2005-2009 Nathan Neulinger <nneul@umr.edu>,
Copyright (c) 2008-2009 Jan Dittberner <jan@dittberner.info>

Modifications: Added cronjob, configuration file, and man pages.

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Copyright information:

CrackLib was originally licensed with a variant of the Artistic
license. In the interests of wider acceptance and more modern
licensing, it was switched with the original author's blessing to GPL
v2.

This approval was carried out in email discussions in 2005, and has
been reconfirmed as of 2007-10-01 with the following email from Alec
Muffett. Cracklib's license was changed from the GPL to the LGPL after
consensus of all previous developers in October 2008, effective with
release 2.8.15 released on 2009-11-19. See the email discussion below
for both license changes.

----------------------------------------------------------

----------
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected
in released code until Nov 2009 - slow release cycle...)
----------

Discussion thread from mailing list archive, with approval from everyone actively
involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.

-- Nathan

---

Nathan Neulinger
EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
>
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:
> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was
> released under. This wasn't actually a license change, just a
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=
GPL-2 ... it was a modified artistic license ... i didnt notice the license=
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=
applications are also GPL-2 which imo is just wrong. it isn't the place of a library to dictate to application writes what license they should be using. thus LGPL-2.1 enters to fill this void.

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <neul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
>
> On Monday 01 October 2007, Neulinger, Nathan wrote:
> > I understand that, and you're welcome to bring it up with Alec
directly
> > and see if he wants to relicense his code as LGPL... but at this
> > point,
> > > it was enough to just get it consistent and documented as to what
> > it was
> > > released under. This wasn't actually a license change, just a
> > > clarification of the licensing that was already in place.
> > =20
> > the original license (before moving to sourceforge -- aka, 2.7) was
> > not
> > GPL-2 ... it was a modified artistic license ... i didn't notice the
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> unlike the old license, GPL-2 prevents people from using cracklib
> unless their
> applications are also GPL-2 which imo is just wrong. it isn't the
> place of a
> library to dictate to application writes what license they should
> be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.

Devin
--
If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML
On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> >> Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.
> >> I am sympathetic. Guys, what do you reckon?
> >
> > What I am hearing so far is that LGPL makes sense, since it can be linked with any code, not just GPL...
> My apologies for not chiming in in anything resembling a reasonable
> timeframe.
>
> I'd also suggest the LGPL, for the reason you noted above. Alternately,
> GPLv2 with the option of using the library under a later version of the
> GPL would permit applications which were released under version 3 of the
> GPL to use the library, too, which would be sufficient for the packages
> which are included in Fedora. FWIW, I'd personally lean toward LGPL.
>
> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
the change now?

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

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> the change now?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML
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Nathan Neulinger is the only one who can actually make said change ...

-mike

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BELOW IS ORIGINAL/licENSING DISCUSSION RE CHANGING TO GPL from Artistic.
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CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.
The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

----------

EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)

----------

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists=2Dmike
Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.

-- Nathan

------------------------------------------------------------
Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
>
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
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Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML
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the original license (before moving to sourceforge -- aka, 2.7) was not
GPL-2 ... it was a modified artistic license ... i didnt notice the license=
= change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=
eir=20
applications are also GPL-2 which imo is just wrong. it isnt the place of =
library to dictact to application writes what license they should be using. thus LGPL-2.1 enters to fill this void.

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

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> [mailto:cracklib-devel-bounces@li...] On Behalf Of
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> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
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Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
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I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL....

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.

Dev

--
If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > Seems like the ideal thing here would be for you and the other distro
> > maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme you all want. I haven't really done
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I am sympathetic. Guys, what do you reckon?

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linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable
timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately,
GPLv2 with the option of using the library under a later version of the
GPL would permit applications which were released under version 3 of the
GPL to use the library, too, which would be sufficient for the packages
which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML
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The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-------------------------------------
From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
   Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
   Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtpr020623 for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
   by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
   for <nneul@neulinger.org>; Mon, 01 Oct 2007 16:59:49 +0000
   (helo=[192.168.1.3])
   by rutherford.zen.co.uk with esmtp (Exim 4.50)
   id 11cOcX-0004Qt-6L
   for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
   <EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
   <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=floowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEBE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Any chance you could write me a self-contained email stating clearly
that the license is being changed to GPL, so I could include that
email
in the repository and clean up the repository/tarballs? I have all the
original discussion, but something succinct and self contained
would be
ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[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.]

Preamble

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.
3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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

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

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

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

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

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

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.
If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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

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

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

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

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

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

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

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

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

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

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

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

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses
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libcurl http://curl.haxx.se/docs/copyright.html

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GnuTLS  http://www.gnuttls.org/

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yassl  http://www.yassl.com/

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axTLS  http://axtls.sourceforge.net/

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c-ares  http://daniel.haxx.se/projects/c-ares/license.html

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

zlib  http://www.gzip.org/zlib/zlib_license.html

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

krb4

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clause. Some of the code in libcurl that is written to deal with Kerberos4 is Modified BSD-licensed.

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fbopenssl

(Used for SPNEGO support) Unclear license. Based on its name, I assume that it uses the OpenSSL license and thus shares the same issues as described for OpenSSL above.

libidn  http://josefsson.org/libidn/

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OpenLDAP http://www.openldap.org/software/release/license.html

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libssh2 http://www.libssh2.org/

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1.19 debootstrap 1.0.59ubuntu0.5

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1.21 dh-python 1.20140128 :1ubuntu8.2

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1.22 dhcpcd 1:3.2.3 :9ubuntu1

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1.23 dialog 1.2 :20130928-1
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This is the Debian prepackaged version of Savio Lam's dialog utility. This program enables the presentation of a variety of questions or display messages using dialog boxes from a shell script. This release is currently maintained by Thomas Dickey <dickey@invisible-island.net>.

This Debian package was first created by Leland Lucius <llucius@debian.org>.

The source for this release was obtained from:

ftp://invisible-island.net/dialog/dialog-1.2-20130928.tgz

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Upstream source http://invisible-island.net/dialog/dialog.html

Current dialog upstream maintainer: Thomas Dickey <dickey@invisible-island.net>

-------------------------------------------------------------------------------

Files: *.c *.h

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1.24 dpkg 1.17.5ubuntu5.7
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-----------------------------------------------------------------
tarfile    - python module for accessing TAR archives

        Lars Gustbel <lars@gustaebel.de>
-----------------------------------------------------------------

Description
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The tarfile module provides a set of functions for accessing TAR format archives. Because it is written in pure Python, it does not require any platform specific functions. GZIP compressed TAR archives are seamlessly supported.

Requirements
------------

tarfile needs at least Python version 2.2.
(For a tarfile for Python 1.5.2 take a look on the webpage.)
IMPORTANT NOTE (*NIX only)

The addition of character and block devices is enabled by a C extension module (_tarfile.c), because Python does not yet provide the major() and minor() macros. Currently Linux and FreeBSD are implemented. If your OS is not supported, then please send me a patch.

Download

You can download the newest version at URL:
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Installation

1. extract the tarfile-x.x.x.tar.gz archive to a temporary folder
2. type "python setup.py install"

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**1.28 expect 5.45**

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Expect

Written by: Don Libes, libes at nist.gov, NIST

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Beware that some of this code is subtly aware of the way operator precedence is structured in regular expressions. Serious changes in regular-expression syntax might require a total rethink.

*** NOTE: this code has been altered slightly for use in Tcl. ***
*** The only change is to use ckalloc and ckfree instead of malloc and free. ***

*** and again for Expect!!! - DEL

*** More minor corrections stolen from tcl7.5p1/regexp.c - DEL

*/

1.29 fakechroot 2.17.2 :1

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EXPORTS += ['SkANP.h', ]

UNIFIED_SOURCES += ['ANPCanvas.cpp', 'ANPPaint.cpp',]
'ANPPath.cpp',
'ANPTypeface.cpp',
'SkANP.cpp',
]

FINAL_LIBRARY = 'xul'

DEFINES['SK_BUILD_FOR_ANDROID_NDK'] = True
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UNIFIED_SOURCES += [
    'ev_streams.c',
    'ev_timers.c',
    'getaddrinfo.c',
    'ns_name.c',
    'ns_netint.c',
]
'ns_parse.c',
'ns_samedomain.c',
'ns_ttl.c',
'res_comp.c',
'res_data.c',
'res_init.c',
'res_send.c',

]  

# These files can't be unified because of conflicting global variable names.
SOURCES += [
    'ns_print.c',
    'res_debug.c',
    'res_mkquery.c',
    'res_state.c',
]

FINAL_LIBRARY = 'mozglue'

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HOST_SOURCES += ['bsdiff.c',]

HOST_PROGRAM = 'mbsdiff'

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    'snappy-stubs-public.h',
    'src/snappy-c.h',
    'src/snappy.h',
]

UNIFIED_SOURCES += [
    'src/snappy-c.cc',
]
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LZMA SDK provides the documentation, samples, header files, libraries, and tools you need to develop applications that use LZMA compression.

LZMA is default and general compression method of 7z format in 7-Zip compression program (www.7-zip.org). LZMA provides high compression ratio and very fast decompression.

LZMA is an improved version of famous LZ77 compression algorithm. It was improved in way of maximum increasing of compression ratio, keeping high decompression speed and low memory requirements for decompressing.

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LZMA SDK Contents
-------------
LZMA SDK includes:

- C++ source code of LZMA compressing and decompressing
- ANSI-C compatible source code for LZMA decompressing
- C# source code for LZMA compressing and decompressing
- Java source code for LZMA compressing and decompressing
- Compiled file->file LZMA compressing/decompressing program for Windows system

ANSI-C LZMA decompression code was ported from original C++ sources to C. Also it was simplified and optimized for code size.
But it is fully compatible with LZMA from 7-Zip.

UNIX/Linux version
-------------------
To compile C++ version of file->file LZMA, go to directory
C/7zip/Compress/LZMA_Alone
and type "make" or "make clean all" to recompile all.

In some UNIX/Linux versions you must compile LZMA with static libraries.
To compile with static libraries, change string in makefile
LIB = -lm
   to string
LIB = -lm -static

Files
-------------------
C      - C / CPP source code
CS     - C# source code
Java   - Java source code
lzma.txt - LZMA SDK description (this file)
7zFormat.txt - 7z Format description
7zC.txt  - 7z ANSI-C Decoder description (this file)
methods.txt - Compression method IDs for .7z
LGPL.txt - GNU Lesser General Public License
CPL.html - Common Public License
lzma.exe - Compiled file->file LZMA encoder/decoder for Windows
history.txt - history of the LZMA SDK

Source code structure
-------------------
C      - C / CPP files
Common - common files for C++ projects
Windows - common files for Windows related code
7zip - files related to 7-Zip Project
Common - common files for 7-Zip
Compress - files related to compression/decompression
LZ - files related to LZ (Lempel-Ziv) compression algorithm
BinTree - Binary Tree Match Finder for LZ algorithm
HashChain - Hash Chain Match Finder for LZ algorithm
Patricia - Patricia Match Finder for LZ algorithm
RangeCoder - Range Coder (special code of compression/decompression)
LZMA - LZMA compression/decompression on C++
LZMA_A lone - file->file LZMA compression/decompression
LZMA_C - ANSI-C compatible LZMA decompressor
LzmaDecode.h - interface for LZMA decoding on ANSI-C
LzmaDecode.c - LZMA decoding on ANSI-C (new fastest version)
LzmaDecodeSize.c - LZMA decoding on ANSI-C (old size-optimized version)
LzmaTest.c - test application that decodes LZMA encoded file
LzmaTypes.h - basic types for LZMA Decoder
LzmaStateDecode.h - interface for LZMA decoding (State version)
LzmaStateDecode.c - LZMA decoding on ANSI-C (State version)
LzmaStateTest.c - test application (State version)
Branch - Filters for x86, IA-64, ARM, ARM-Thumb, PowerPC and SPARC code
Archive - files related to archiving
7z_C - 7z ANSI-C Decoder

CS - C# files

7zip

Common - some common files for 7-Zip
Compress - files related to compression/decompression
LZ - files related to LZ (Lempel-Ziv) compression algorithm
LZMA - LZMA compression/decompression
LzmaAlone - file->file LZMA compression/decompression
RangeCoder - Range Coder (special code of compression/decompression)

Java - Java files

SevenZip

Compression - files related to compression/decompression
LZ - files related to LZ (Lempel-Ziv) compression algorithm
LZMA - LZMA compression/decompression
RangeCoder - Range Coder (special code of compression/decompression)

C/C++ source code of LZMA SDK is part of 7-Zip project.

You can find ANSI-C LZMA decompressing code at folder
C/7zip/Compress/LZMA_C

7-Zip doesn't use that ANSI-C LZMA code and that code was developed specially for this SDK. And files from LZMA_C do not need files from other directories of SDK for compiling.

7-Zip source code can be downloaded from 7-Zip's SourceForge page:
http://sourceforge.net/projects/sevenzip/

LZMA features
--------------
- Variable dictionary size (up to 1 GB)
- Estimated compressing speed: about 1 MB/s on 1 GHz CPU
- Estimated decompressing speed:
  - 8-12 MB/s on 1 GHz Intel Pentium 3 or AMD Athlon
  - 500-1000 KB/s on 100 MHz ARM, MIPS, PowerPC or other simple RISC
- Small memory requirements for decompressing (8-32 KB + DictionarySize)
- Small code size for decompressing: 2-8 KB (depending from speed optimizations)

LZMA decoder uses only integer operations and can be implemented in any modern 32-bit CPU (or on 16-bit CPU with some conditions).

Some critical operations that affect to speed of LZMA decompression:
1) 32*16 bit integer multiply
2) Misspredicted branches (penalty mostly depends from pipeline length)
3) 32-bit shift and arithmetic operations

Speed of LZMA decompressing mostly depends from CPU speed. Memory speed has no big meaning. But if your CPU has small data cache, overall weight of memory speed will slightly increase.

How To Use
----------

Using LZMA encoder/decoder executable
----------------------------------------

Usage:  LZMA <e|d> inputFile outputFile [(<switches>...]

e: encode file
d: decode file
b: Benchmark. There are two tests: compressing and decompressing with LZMA method. Benchmark shows rating in MIPS (million instructions per second). Rating value is calculated from measured speed and it is normalized with AMD Athlon 64 X2 CPU results. Also Benchmark checks possible hardware errors (RAM errors in most cases). Benchmark uses these settings:
(-a1, -d21, -fb32, -mfbt4). You can change only -d. Also you can change number of iterations. Example for 30 iterations:
LZMA b 30
Default number of iterations is 10.

<Switches>

-a{N}: set compression mode 0 = fast, 1 = normal
 default: 1 (normal)

d{N}: Sets Dictionary size - [0, 30], default: 23 (8MB)
The maximum value for dictionary size is 1 GB = 2^30 bytes.
Dictionary size is calculated as DictionarySize = 2^N bytes.
For decompressing file compressed by LZMA method with dictionary
size D = 2^N you need about D bytes of memory (RAM).

-fb{N}: set number of fast bytes - [5, 273], default: 128
 Usually big number gives a little bit better compression ratio
 and slower compression process.

-lc{N}: set number of literal context bits - [0, 8], default: 3
 Sometimes lc=4 gives gain for big files.

-lp{N}: set number of literal pos bits - [0, 4], default: 0
 lp switch is intended for periodical data when period is
 equal 2^N. For example, for 32-bit (4 bytes)
 periodical data you can use lp=2. Often it's better to set lc0,
 if you change lp switch.

-pb{N}: set number of pos bits - [0, 4], default: 2
 pb switch is intended for periodical data
 when period is equal 2^N.

 Algorithms from hc* group doesn't provide good compression
 ratio, but they often works pretty fast in combination with
 fast mode (-a0).

Memory requirements depend from dictionary size
(parameter "d" in table below).

<table>
<thead>
<tr>
<th>MF_ID</th>
<th>Memory</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>bt2</td>
<td>d * 9.5 + 4MB</td>
<td>Binary Tree with 2 bytes hashing.</td>
</tr>
<tr>
<td>bt3</td>
<td>d * 11.5 + 4MB</td>
<td>Binary Tree with 3 bytes hashing.</td>
</tr>
<tr>
<td>bt4</td>
<td>d * 11.5 + 4MB</td>
<td>Binary Tree with 4 bytes hashing.</td>
</tr>
<tr>
<td>hc4</td>
<td>d * 7.5 + 4MB</td>
<td>Hash Chain with 4 bytes hashing.</td>
</tr>
</tbody>
</table>

-eos: write End Of Stream marker. By default LZMA doesn't write
eos marker, since LZMA decoder knows uncompressed size stored in .lzma file header.

-si: Read data from stdin (it will write End Of Stream marker).
-so: Write data to stdout

Examples:

1) LZMA e file.bin file.lzma -d16 -lc0

compresses file.bin to file.lzma with 64 KB dictionary (2^16=64K) and 0 literal context bits. -lc0 allows to reduce memory requirements for decompression.

2) LZMA e file.bin file.lzma -lc0 -lp2

compresses file.bin to file.lzma with settings suitable for 32-bit periodical data (for example, ARM or MIPS code).

3) LZMA d file.lzma file.bin

decompresses file.lzma to file.bin.

Compression ratio hints
-----------------------

Recommendations
---------------

To increase compression ratio for LZMA compressing it's desirable to have aligned data (if it's possible) and also it's desirable to locate data in such order, where code is grouped in one place and data is grouped in other place (it's better than such mixing: code, data, code, data, ...).

Using Filters
-------------

You can increase compression ratio for some data types, using special filters before compressing. For example, it's possible to increase compression ratio on 5-10% for code for those CPU ISAs: x86, IA-64, ARM, ARM-Thumb, PowerPC, SPARC.

You can find C/C++ source code of such filters in folder "7zip/Compress/Branch"
You can check compression ratio gain of these filters with such 7-Zip commands (example for ARM code):

No filter:
7z a a1.7z a.bin -m0=lzma

With filter for little-endian ARM code:
7z a a2.7z a.bin -m0=bc_arm -m1=lzma

With filter for big-endian ARM code (using additional Swap4 filter):
7z a a3.7z a.bin -m0=swap4 -m1=bc_arm -m2=lzma

It works in such manner:

Compressing  = Filter_encoding + LZMA_encoding
Decompressing = LZMA_decoding + Filter_decoding

Compressing and decompressing speed of such filters is very high, so it will not increase decompressing time too much. Moreover, it reduces decompression time for LZMA_decoding, since compression ratio with filtering is higher.

These filters convert CALL (calling procedure) instructions from relative offsets to absolute addresses, so such data becomes more compressible. Source code of these CALL filters is pretty simple (about 20 lines of C++), so you can convert it from C++ version yourself.

For some ISAs (for example, for MIPS) it's impossible to get gain from such filter.

LZMA compressed file format
-----------------------------
Offset Size Description
0  1  Special LZMA properties for compressed data
1  4  Dictionary size (little endian)
5  8  Uncompressed size (little endian). -1 means unknown size
13  Compressed data

ANSI-C LZMA Decoder
~~~~~~~~~~~~~~~~~~~

To compile ANSI-C LZMA Decoder you can use one of the following files sets:
1) LzmaDecode.h + LzmaDecode.c + LzmaTest.c  (fastest version)
2) LzmaDecode.h + LzmaDecodeSize.c + LzmaTest.c  (old size-optimized version)
3) LzmaStateDecode.h + LzmaStateDecode.c + LzmaStateTest.c  (zlib-like interface)

Memory requirements for LZMA decoding
----------------------------------------
LZMA decoder doesn’t allocate memory itself, so you must allocate memory and send it to LZMA.

Stack usage of LZMA decoding function for local variables is not larger than 200 bytes.

How To decompress data
------------------------

LZMA Decoder (ANSI-C version) now supports 5 interfaces:
1) Single-call Decompressing
2) Single-call Decompressing with input stream callback
3) Multi-call Decompressing with output buffer
4) Multi-call Decompressing with input callback and output buffer
5) Multi-call State Decompressing (zlib-like interface)

Variant-5 is similar to Variant-4, but Variant-5 doesn’t use callback functions.

Decompressing steps
---------------------

1) read LZMA properties (5 bytes):
   unsigned char properties[LZMA_PROPERTIES_SIZE];

2) read uncompressed size (8 bytes, little-endian)

3) Decode properties:

   CLzmaDecoderState state; /* it's 24-140 bytes structure, if int is 32-bit */

   if (LzmaDecodeProperties(&state.Properties, properties, LZMA_PROPERTIES_SIZE) != LZMA_RESULT_OK)
       return PrintError(rs, "Incorrect stream properties");

4) Allocate memory block for internal Structures:

   state.Probs = (CProb *)malloc(LzmaGetNumProbs(&state.Properties) * sizeof(CProb));
   if (state.Probs == 0)
       return PrintError(rs, kCantAllocateMessage);

LZMA decoder uses array of CProb variables as internal structure.
By default, CProb is unsigned_short. But you can define _LZMA_PROB32 to make it unsigned_int. It can increase speed on some 32-bit CPUs, but memory usage will be doubled in that case.

5) Main Decompressing
You must use one of the following interfaces:

5.1 Single-call Decompressing
-------------------------------
When to use: RAM->RAM decompressing
Compile files: LzmaDecode.h, LzmaDecode.c
Compile defines: no defines
Memory Requirements:
- Input buffer: compressed size
- Output buffer: uncompressed size
- LZMA Internal Structures (~16 KB for default settings)

Interface:
int res = LzmaDecode(&state,
inStream, compressedSize, &inProcessed,
outStream, outSize, &outProcessed);

5.2 Single-call Decompressing with input stream callback
--------------------------------------------------------
When to use: File->RAM or Flash->RAM decompressing.
Compile files: LzmaDecode.h, LzmaDecode.c
Compile defines: _LZMA_IN_CB
Memory Requirements:
- Buffer for input stream: any size (for example, 16 KB)
- Output buffer: uncompressed size
- LZMA Internal Structures (~16 KB for default settings)

Interface:
typedef struct _CBuffer
{
   ILzmaInCallback InCallback;
   FILE *File;
   unsigned char Buffer[kInBufferSize];
} CBuffer;

int LzmaReadCompressed(void *object, const unsigned char **buffer, SizeT *size)
{
   CBuffer *bo = (CBuffer *)object;
   *buffer = bo->Buffer;
   *size = MyReadFile(bo->File, bo->Buffer, kInBufferSize);
   return LZMA_RESULT_OK;
}

CBuffer g_InBuffer;

g_InBuffer.File = inFile;
g_InBuffer.InCallback.Read = LzmaReadCompressed;
int res = LzmaDecode(&state, 
&g_InBuffer.InCallback, 
outStream, outSize, &outProcessed);

5.3 Multi-call decompressing with output buffer
-----------------------------------------------
When to use: RAM->File decompressing
Compile files: LzmaDecode.h, LzmaDecode.c
Compile defines: _LZMA_OUT_READ
Memory Requirements:
- Input buffer: compressed size
- Buffer for output stream: any size (for example, 16 KB)
- LZMA Internal Structures (~16 KB for default settings)
- LZMA dictionary (dictionary size is encoded in stream properties)

Interface:

state.Dictionary = (unsigned char *)malloc(state.Properties.DictionarySize);

LzmaDecoderInit(&state);

do
{
  LzmaDecode(&state, 
              inBuffer, inAvail, &inProcessed, 
              g_OutBuffer, outAvail, &outProcessed);
  inAvail -= inProcessed;
  inBuffer += inProcessed;
} while you need more bytes

see LzmaTest.c for more details.

5.4 Multi-call decompressing with input callback and output buffer
----------------------------------------------------------------------------
When to use: File->File decompressing
Compile files: LzmaDecode.h, LzmaDecode.c
Compile defines: _LZMA_IN_CB, _LZMA_OUT_READ
Memory Requirements:
- Buffer for input stream: any size (for example, 16 KB)
- Buffer for output stream: any size (for example, 16 KB)
- LZMA Internal Structures (~16 KB for default settings)
- LZMA dictionary (dictionary size is encoded in stream properties)

Interface:

state.Dictionary = (unsigned char *)malloc(state.Properties.DictionarySize);
LzmaDecoderInit(&state);
do{
    LzmaDecode(&state,
        &bo.InCallback,
        g_OutBuffer, outAvail, &outProcessed);
}while you need more bytes

see LzmaTest.c for more details:

5.5 Multi-call State Decompressing (zlib-like interface)

When to use: file->file decompressing
Compile files: LzmaStateDecode.h, LzmaStateDecode.c
Compile defines:
Memory Requirements:
- Buffer for input stream: any size (for example, 16 KB)
- Buffer for output stream: any size (for example, 16 KB)
- LZMA Internal Structures (~16 KB for default settings)
- LZMA dictionary (dictionary size is encoded in stream properties)

Interface:

state.Dictionary = (unsigned char *)malloc(state.Properties.DictionarySize);

LzmaDecoderInit(&state);
do{
    res = LzmaDecode(&state,
        inBuffer, inAvail, &inProcessed,
        g_OutBuffer, outAvail, &outProcessed,
        finishDecoding);
    inAvail -= inProcessed;
    inBuffer += inProcessed;
}while you need more bytes

see LzmaStateTest.c for more details:

6) Free all allocated blocks

Note
LzmaDecodeSize.c is size-optimized version of LzmaDecode.c. But compiled code of LzmaDecodeSize.c can be larger than compiled code of LzmaDecode.c. So it's better to use LzmaDecode.c in most cases.

EXIT codes
----------

LZMA decoder can return one of the following codes:

#define LZMA_RESULT_OK 0
#define LZMA_RESULT_DATA_ERROR 1

If you use callback function for input data and you return some error code, LZMA Decoder also returns that code.

LZMA Defines
------------

_LZMA_IN_CB - Use callback for input data

_LZMA_OUT_READ - Use read function for output data

_LZMA_LOC_OPT - Enable local speed optimizations inside code.
   _LZMA_LOC_OPT is only for LzmaDecodeSize.c (size-optimized version).
   _LZMA_LOC_OPT doesn't affect LzmaDecode.c (speed-optimized version) and LzmaStateDecode.c

_LZMA_PROB32 - It can increase speed on some 32-bit CPUs, but memory usage will be doubled in that case

_LZMA_UINT32_IS_ULONG - Define it if int is 16-bit on your compiler and long is 32-bit.

_LZMA_SYSTEM_SIZE_T - Define it if you want to use system's size_t. You can use it to enable 64-bit sizes supporting

C++ LZMA Encoder/Decoder
~~~~~~~~~~~~~~~~~~~~~~~~

C++ LZMA code use COM-like interfaces. So if you want to use it, you can study basics of COM/OLE.
By default, LZMA Encoder contains all Match Finders. But for compressing it's enough to have just one of them. So for reducing size of compressing code you can define:

```c
#define COMPRESS_MF_BT
#define COMPRESS_MF_BT4
```
and it will use only bt4 match finder.

---

http://www.7-zip.org
http://www.7-zip.org/support.html
7z ANSI-C Decoder 4.23

----------------------

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7z ANSI-C provides 7z/LZMA decoding.
7z ANSI-C version is simplified version ported from C++ code.

LZMA is default and general compression method of 7z format in 7-Zip compression program (www.7-zip.org). LZMA provides high compression ratio and very fast decompression.

LICENSE
-------

Read lzma.txt for information about license.

Files
---------------------

7zAlloc.* - Allocate and Free
7zBuffer.* - Buffer structure
7zCrc.* - CRC32 code
7zDecode.* - Low level memory->memory decoding
7zExtract.* - High level stream->memory decoding
7zHeader.* - .7z format constants
7zIn.* - .7z archive opening
7zItem.* - .7z structures
7zMain.c - Test application
7zMethodID.* - MethodID structure
7zTypes.h - Base types and constants

How To Use
You must download 7-Zip program from www.7-zip.org.

You can create .7z archive with 7z.exe or 7za.exe:

7za.exe a archive.7z *.htm -r -mx -m0fb=255 -mf=off

If you have big number of files in archive, and you need fast extracting, you can use partly-solid archives:

7za.exe a archive.7z *.htm -ms=512K -r -mx -m0fb=255 -m0d=512K -mf=off

In that example 7-Zip will use 512KB solid blocks. So it needs to decompress only 512KB for extracting one file from such archive.

Limitations of current version of 7z ANSI-C Decoder

- It reads only "FileName", "Size", and "CRC" information for each file in archive.
- It supports only LZMA and Copy (no compression) methods.
- It converts original UTF-16 Unicode file names to UTF-8 Unicode file names.

These limitations will be fixed in future versions.

Using 7z ANSI-C Decoder Test application:

Usage: 7zDec <command> <archive_name>

<Command>:
e: Extract files from archive
l: List contents of archive
t: Test integrity of archive

Example:

7zDec l archive.7z

lists contents of archive.7z

7zDec e archive.7z

extracts files from archive.7z to current folder.
How to use .7z Decoder

-----------

.7z Decoder can be compiled in one of two modes:

1) Default mode. In that mode 7z Decoder will read full compressed block to RAM before decompressing.

2) Mode with defined _LZMA_IN_CB. In that mode 7z Decoder can read compressed block by parts. And you can specify desired buffer size. So memory requirements can be reduced. But decompressing speed will be 5-10% lower and code size is slightly larger.

Memory allocation

~~~~~~~~~~~~~~

7z Decoder uses two memory pools:
1) Temporary pool
2) Main pool
Such scheme can allow you to avoid fragmentation of allocated blocks.

Steps for using 7z decoder

--------------------------

Use code at 7zMain.c as example.

1) Declare variables:
   inStream                     /* implements ISzInStream interface */
   CArchiveDatabaseEx db;       /* 7z archive database structure */
   ISzAlloc allocImp;           /* memory functions for main pool */
   ISzAlloc allocTempImp;       /* memory functions for temporary pool */

2) call InitCrcTable(); function to initialize CRC structures.

3) call SzArDbExInit(&db); function to initialize db structures.

4) call SzArchiveOpen(inStream, &db, &allocMain, &allocTemp) to open archive
This function opens archive "inStream" and reads headers to "db".
All items in "db" will be allocated with "allocMain" functions.
SzArchiveOpen will allocate and frees temporary structures by "allocTemp" functions.

5) List items or Extract items

Listing code:

~~~~~~~~~~~~

{
UInt32 i;
for (i = 0; i < db.Database.NumFiles; i++)
{
    CFileItem *f = db.Database.Files + i;
    printf("%10d  %s\n", (int)f->Size, f->Name);
}
}

Extracting code:
~~~~~~~~~~~~~~~

SZ_RESULT SzExtract(
    ISzInStream *inStream,
    CArchiveDatabaseEx *db,
    UInt32 fileIndex,         /* index of file */
    UInt32 *blockIndex,       /* index of solid block */
    Byte **outBuffer,         /* pointer to pointer to output buffer (allocated with allocMain) */
    size_t *outBufferSize,    /* buffer size for output buffer */
    size_t *offset,           /* offset of stream for required file in *outBuffer */
    size_t *outSizeProcessed, /* size of file in *outBuffer */
    ISzAlloc *allocMain,
    ISzAlloc *allocTemp);

If you need to decompress more than one file, you can send these values from previous call:
blockIndex,
outBuffer,
outBufferSize,
You can consider "outBuffer" as cache of solid block. If your archive is solid,
it will increase decompression speed.

After decompressing you must free "outBuffer":
allocImp.Free(outBuffer);

6) call SzArDbExFree(&db, allocImp.Free) to free allocated items in "db".

Memory requirements for .7z decoding
------------------------------------
Memory usage for Archive opening:
- Temporary pool:
  - Memory for compressed .7z headers (if _LZMA_IN_CB is not defined)
  - Memory for uncompressed .7z headers
  - some other temporary blocks
- Main pool:
  - Memory for database:
Estimated size of one file structures in solid archive:
- Size (4 or 8 Bytes)
- CRC32 (4 bytes)
- Some file information (4 bytes)
- File Name (variable length) + pointer + allocation structures

Memory usage for archive Decompressing:
- Temporary pool:
  - Memory for compressed solid block (if _LZMA_IN_CB is not defined)
  - Memory for LZMA decompressing structures
- Main pool:
  - Memory for decompressed solid block

If _LZMA_IN_CB is defined, 7z Decoder will not allocate memory for compressed blocks. Instead of this, you must allocate buffer with desired size before calling 7z Decoder. Use 7zMain.c as example.

EXIT codes
---------

7z Decoder functions can return one of the following codes:

#define SZ_OK (0)
#define SZE_DATA_ERROR (1)
#define SZE_OUTOFMEMORY (2)
#define SZE_CRC_ERROR (3)
#define SZE_NOTIMPL (4)
#define SZE_FAIL (5)
#define SZE_ARCHIVE_ERROR (6)

LZMA Defines
------------

_LZMA_IN_CB  - Use special callback mode for input stream to reduce memory requirements

_SZ_FILE_SIZE_64  - define it if you need support for files larger than 4 GB
_SZ_NO_INT_64   - define it if your compiler doesn't support long long int

_LZMA_PROB32  - it can increase LZMA decompressing speed on some 32-bit CPUs.

_SZ_ONE_DIRECTORY - define it if you want to locate all source files to one directory
_SZ_ALLOC_DEBUG - define it if you want to debug alloc/free operations to stderr.

---

http://www.7-zip.org
http://www.7-zip.org/support.html

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Version 2.1, February 1999

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That's all there is to it!
7-Zip 4.42 Sources

---------------

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---------------

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-------------
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---
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you can download LZMA SDK from this page:
http://www.7-zip.org/sdk.html
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How to compile
--------------
To compile sources you need Visual C++ 6.0.
For compiling some files you also need:
new Platform SDK from Microsoft' Site:
http://www.microsoft.com/msdownload/platformsdk/sdkupdate/psdk-full.htm
or
http://www.microsoft.com/msdownload/platformsdk/sdkupdate/XPSP2FULLInstall.htm
or
http://www.microsoft.com/msdownload/platformsdk/sdkupdate/

If you use MSVC6, specify SDK directories at top of directories lists:
Tools / Options / Directories
- Include files
- Library files

To compile 7-Zip for AMD64 and IA64 you need:
Windows Server 2003 SP1 Platform SDK from microsoft.com

Compiling under Unix/Linux
--------------------------
Check this site for Posix/Linux version:
http://sourceforge.net/projects/p7zip/
Notes:
------
7-Zip consists of COM modules (DLL files).
But 7-Zip doesn't use standard COM interfaces for creating objects.
Look at 7zip\UI\Client7z folder for example of using DLL files of 7-Zip.
Some DLL files can use other DLL files from 7-Zip.
If you don't like it, you must use standalone version of DLL.
To compile standalone version of DLL you must include all used parts to project and define some defs.
For example, 7zip\Bundles\Format7z is a standalone version of 7z.dll that works with 7z format. So you can use such DLL in your project without additional DLL files.

Description of 7-Zip sources package
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

DOC                Documentation
---
7zFormat.txt  - 7z format description
copying.txt   - GNU LGPL license
unRarLicense.txt - License for unRAR part of source code
history.txt   - Sources history
Methods.txt   - Compression method IDs
readme.txt    - Readme file
lzma.txt      - LZMA SDK description
7zip.nsi       - installer script for NSIS

Common          Common modules
Windows         Win32 wrappers

7zip
------
Common          Common modules for 7-zip

Archive         7-Zip Archive Format Plugins
------
Common
7z
Arj
BZip2
Cab
Cpio
GZip
<table>
<thead>
<tr>
<th>Bundle</th>
<th>Modules that are bundles of other modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alone</td>
<td>7za.exe: Standalone version of 7z</td>
</tr>
<tr>
<td>Alone7z</td>
<td>7zr.exe: Standalone version of 7z that supports only 7z/LZMA/BCJ/BCJ2</td>
</tr>
<tr>
<td>SFXCon</td>
<td>7zCon.sfx: Console 7z SFX module</td>
</tr>
<tr>
<td>SFXWin</td>
<td>7z.sfx: Windows 7z SFX module</td>
</tr>
<tr>
<td>SFXSetup</td>
<td>7zS.sfx: Windows 7z SFX module for Installers</td>
</tr>
<tr>
<td>Format7z</td>
<td>7za.dll: Standalone version of 7z.dll</td>
</tr>
</tbody>
</table>

**UI**

<table>
<thead>
<tr>
<th>Agent</th>
<th>Intermediary modules for FAR plugin and Explorer plugin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Console</td>
<td>7z.exe Console version</td>
</tr>
<tr>
<td>Explorer</td>
<td>Explorer plugin</td>
</tr>
<tr>
<td>Resource</td>
<td>Resources</td>
</tr>
<tr>
<td>Far</td>
<td>FAR plugin</td>
</tr>
<tr>
<td>Client7z</td>
<td>Test application for 7za.dll</td>
</tr>
</tbody>
</table>

**Compress**

<table>
<thead>
<tr>
<th>BZip2</th>
<th>BZip2 compressor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original</td>
<td>Download BZip2 compression sources from</td>
</tr>
<tr>
<td></td>
<td><a href="http://sources.redhat.com/bzip2/index.html">http://sources.redhat.com/bzip2/index.html</a></td>
</tr>
<tr>
<td>Branch</td>
<td>Branch converter</td>
</tr>
<tr>
<td>ByteSwap</td>
<td>Byte Swap converter</td>
</tr>
<tr>
<td>Copy</td>
<td>Copy coder</td>
</tr>
<tr>
<td>Deflate</td>
<td></td>
</tr>
<tr>
<td>Implode</td>
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</tr>
<tr>
<td>Arj</td>
<td></td>
</tr>
<tr>
<td>LZMA</td>
<td></td>
</tr>
<tr>
<td>PPMd</td>
<td>Dmitry Shkarin's PPMdH with small changes.</td>
</tr>
<tr>
<td>LZ</td>
<td>Lempel - Ziv</td>
</tr>
<tr>
<td>MT</td>
<td>Multi Thread Match finder</td>
</tr>
<tr>
<td>BinTree</td>
<td>Match Finder based on Binary Tree</td>
</tr>
<tr>
<td>Patricia</td>
<td>Match Finder based on Patricia algorithm</td>
</tr>
<tr>
<td>HashChain</td>
<td>Match Finder based on Hash Chains</td>
</tr>
</tbody>
</table>

**Crypto**

| 7zAES | Cipher for 7z                                      |
| AES | AES Cipher                                        |
Rar20 Cipher for Rar 2.0
RarAES Cipher for Rar 3.0
Zip Cipher for Zip

FileManager File Manager

---
Igor Pavlov
http://www.7-zip.org

---
End of document

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%
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% Adapted to the new pattern-loading scheme.
% Original file name was nnhyph.tex

% TeX hyphenation patterns for Norwegian Nynorsk
%
% Version 2007-02-10
%
\input hyph-no.tex

\hyphenation{
att-en-de
bet-re
}

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%
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% Author: E. Werner
%
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%
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% - Taco Hoekwater, with useful macros
% - Hans Hagen, who did the unicodification of patterns already long before
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%
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% \message{Completely new revision 1997, March 22}
%
% - ccaron
% - cacute
% - ecaron
% - lslash
% - nacute
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% % - Taco Hoekwater, with useful macros
% % - Hans Hagen, who did the unicodifisation of patterns already long before
% % and helped with testing, suggestions and bug reports
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  and if you really cannot do without, also \input and \message
- in particular, please no \catcode or \lccode changes,
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For more unformation see

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The Portuguese TeX hyphenation table.
(C) 1996 by Pedro J. de Rezende (rezende@dcc.unicamp.br)
and J.Joao Dias Almeida (jj@di.uminho.pt)
Version: 1.2 Release date: 21/07/96

(C) 1994 by Pedro J. de Rezende (rezende@dcc.unicamp.br)
Version: 1.1 Release date: 04/12/94

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Version: 1.0 Release date: 02/13/87

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http://openoffice.org/bugzilla/attachment.cgi?id=42837

This work was donated into the Public Domain by its author:

% ----> Finnish hyphenation patterns for MLPCTeX <------
% + January 1986: first release by Kauko Saarinen,
% Computing Centre, University of Jyvaskyla, Finland
% + January 1988: completely rewritten by Kauko Saarinen.
% The new patterns make much less mistakes with foreign
% and compound words. The article "Automatic Hyphenation
% of Finnish" by Professor Fred Karlsson is also referred
% + 8th March 1989 (vers. 2.2): some vowel triples added by
% Kauko Saarinen based on Fred Karlsson's ideas
% + 9th January 1995: added \uccode and \lccode by Thomas Esser
% + 24th May 2004: changelog reformatted for disambiguation and
% Thomas Esser's \llccode changes complete rewritten to make
% certain Saarinen is the sole copyright owner of the file again,
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Spanish hyphenation patterns

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% DIVISION DE PALABRAS
% ~~~~~~~~~~~~~~~~~~~~
% hyph-es.tex 4.6
% This files corresponds to eshyph.txt 4.6.
% %
% (c) Javier Bezos 1993 1997.
% (c) Javier Bezos and CervanTeX 2001-2010
% Some parts, (c) by Francesc Carmona
% Licence: LPPL
% %
% For further info, bug reports and comments:
% %
% http://www.tex-tipografia.com/spanish_hyphen.html
% %
% I would like to thanks Francesc Carmona for his permission
% to steal parts of his work without restrictions.
% %
% 2010-05-18
% %
% %
% Javier Bezos | http://www.cervantex.es/
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Welsh hyphenation patterns

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% hyph-cy.tex, Welsh hyphenation patterns
% Copyright 1996 Yannis Haralambous
% <yannis dat haralambous at telecom-bretagne dot eu>
%
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% The latest version of this license is in
% http://www.latex-project.org/lppl.txt
%
% This work has the LPPL maintenance status `maintained`.
%
% The Current Maintainer of this work (patterns) is Yannis Haralambous.
%
% This work consists of the file hyph-cy.tex and is part of hyph-utf8
% maintained by tex-hyphen team which also contains derived files.
%
% For more information see
%
% http://tug.org/tex-hyphen
%
% CHANGES:
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Estonian hyphenation patterns

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% semi-manual conversions of hyphenation patterns into UTF-8 in June 2008.
% Source: eehyph.tex (2004-04-13)
% Author: Een Saar <saar at aai dot ee>
% The above mentioned file should become obsolete,
% and the author of the original file should preferably modify this file instead.
% Modifications were needed in order to support native UTF-8 engines,
% but functionality (hopefully) didn't change in any way, at least not intentionally.
% This file is no longer stand-alone; at least for 8-bit engines
% you probably want to use loadhyph-foo.tex (which will load this file) instead.
% Modifications were done by Jonathan Kew, Mojca Miklavc & Arthur Reutenauer
% with help & support from:
% - Karl Berry, who gave us free hands and all resources
% - Taco Hoekwater, with useful macros
% - Hans Hagen, who did the unicodification of patterns already long before
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% you are the Queen / the King, we are only the servants.
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%   and if you really cannot do without, also \input and \message
% - in particular, please no \catcode or \lccode changes,
%   they belong to loadhyph-foo.tex,
%   and no \lefthyphenmin and \righthyphenmin,
%   they have no influence here and belong elsewhere
% - begingroup and/or \endinput is not needed
% - feel free to do whatever you want inside comments
%
% We know that TeX is extremely powerful, but give a stupid parser
% at least a chance to read your patterns.
%
% For more information see
%
% http://tug.org/tex-hyphen
%
%-----------------------------------------------------------------%
%
% Estonian hyphenation patterns
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% of this license is in http://www.latex-project.org/lppl.txt and
% version 1.3 or later is part of all distributions of LaTeX
% version 2003/12/01 or later.
This work has the LPPL maintenance status "author-maintained".
This work consists of this file only (eehyph.tex).

The patterns were generated long ago by applying patgen to
an Estonian dictionary; a few patterns were added later manually
to prohibit aa-bits type cases.

Declare the special characters

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Serbian hyphenation patterns in \{Latin,Cyrillic\} script

(\text{more info about the licence to be added later})

% This is `hyph-sh-{latn,cyrl}.tex' version 2.02 as of Jun 22, 2008.
%
% Copyright (C) 1990,2008 Dejan Muhamedagi\c
% [hyphen patterns for Serbocroatian language]
%
%%% ====================================================================
%%%  @TeX-hyphen-file{
%%%     author          = "Dejan Muhamedagi\c",
%%%     version         = "2.02",
%%%     date            = "22 June 2008",
%%%     filename        = "hyph-sh-{latn,cyrl}.tex",
%%%     email           = "dejan@hello-penguin.com",
%%%     codetable       = "UTF-8",
%%%     keywords        = "TeX, hyphen, serbocroatian, \{latinic,cyrillic\}",
%%%     supported       = "yes",
abstract = "Serbocroatian hyphenation patterns",
doestring = "This file contains the hyphenation patterns for the Serbocroatian language and the (latin, cyrillic) alphabet."
}

---

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Norwegian Bokmal hyphenation patterns

(more info about the licence to be added later)

% Adapted to the new pattern-loading scheme.
% Original file name was nbhyph.tex

% TeX hyphenation patterns for Norwegian Bokmal
%
% Version 2007-02-10
%
% Copyright (C) 2007 Karl Ove Hufthammer.
% Copying and distribution of this file, with or without modification,
% are permitted in any medium without royalty, provided the copyright
% notice and this notice are preserved.
%
% This file contains hyphenation patterns for Norwegian Bokmal.
% It uses the Norwegian hyphenation patterns from nohyphbx.tex,
% created by Rune Kleveland and Ole Michael Selberg. Please see
% that file for copyright information on those patterns.
%
% The patterns in nohyphbx are based on both Norwegian Bokmal
% and Norwegian Nynorsk, and works about equally well for both
% languages. This file, nbhyph.tex, contains only a few hyphenation
% exceptions, for words that needs to be hyphenated differently for
% the two languages.
%
% Please send bugs or suggestions to karl@huftis.org.
%
\input hyph-no.tex

\hyphenation{
  at-ten-de
  be-tre
}

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Turkish hyphenation patterns

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% hyph-tr.tex
%
% Turkish hyphenation patterns
%
% This file is auto-generated from source/generic/hyph-utf8/languages/tr/generate_patterns_tr.rb that is part of hyph-utf8.
% Please don't modify this file; modify the generating script instead.
%
% Copyright (C) 1987 Pierre A. MacKay
% 2008, 2011 TUG
%
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% archives in directory macros/latex/base/lppl.txt; either
% version 1 of the License, or (at your option) any later version.
%
% Credits:
% - algorithm developed by P. A. MacKay for the Ottoman Texts Project in 1987
% - rules adapted for modern Turkish by H. Turgut Uyar <uyar at itu.edu.tr>
% - initiative to improve Turkish patterns by S. Ekin Kocabas <kocabas at stanford.edu>
% - script written by Mojca Miklavec <mojca.miklavec.lists at gmail.com> in June 2008
%
% See also:
% - http://www.ctan.org/tex-archive/language/turkish/hyphen/turk_hyf.c
%
% Differences with Ottoman patterns:
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%
% Italian hyphenation patterns
%
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% For more unformation see
%
% http://tug.org/tex-hyphen
%
%-----------------------------------------------------------------------
%
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Russian hyphenation patterns

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% This file is part of hyph-utf8 package and resulted from
% semi-manual conversions of hyphenation patterns into UTF-8 in June 2008.
%
% Source: TODO:WRITEME (2003-03-10)
% Author: Alexander I. Lebedev <swan at scon155.phys.msu.su>
%
% The above mentioned file should become obsolete,
% and the author of the original file should preferably modify this file instead.
%
% Modifications were needed in order to support native UTF-8 engines,
% but functionality (hopefully) didn't change in any way, at least not intentionally.
% This file is no longer stand-alone; at least for 8-bit engines
% you probably want to use loadhyph-foo.tex (which will load this file) instead.
%
% Modifications were done by Jonathan Kew, Mojca Miklavec & Arthur Reutenauer
% with help & support from:
% - Karl Berry, who gave us free hands and all resources
% - Taco Hoekwater, with useful macros
% - Hans Hagen, who did the unicodisation of patterns already long before
% and helped with testing, suggestions and bug reports
% - Norbert Preining, who tested & integrated patterns into TeX Live
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% please remove all of the TUG comments & credits that we added here -
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%   they have no influence here and belong elsewhere
% - \begingroup and/or \endinput is not needed
% - feel free to do whatever you want inside comments
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% at least a chance to read your patterns.
%
% For more unformation see
%
%    http://tug.org/tex-hyphen
%
%--------------------------------------------------------------------------
%
% Russian hyphenation patterns, version 2003/03/10
% Copyright 1999-2003 Alexander I. Lebedev <swan@scon155.phys.msu.su>
%
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% of the LaTeX Project Public License, either version 1.2 or any later
% version.
%
% Patterns were generated with patgen from a 990,000-word list and then
% manually corrected.
%
% The program consists of the files ruhyphal.tex, cyryoal.tex and two
% document files README.ruhyphal and hyphen.rules. The file cyryoal.tex
% can be regenerated using mkcyryo script (a part of ruhyphen package)
% and the latest release of rus-ispell dictionaries
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Kurmanji hyphenation patterns (v. 1.0 2009/06/29 JKn and MSh)

(more info about the licence to be added later)

% hyph-kmr.tex
%
% Hyphenation patterns for Kurmanji (Northern Kurdish)
%
% (as spoken in Turkey and by the Kurdish diaspora in Europe).
% The patterns are generated by patgen from a word list of approx. 2500
% hyphenated words provided by Medeni Shemd
%
% Copyright 2009 Jrg Knappen and Medeni Shemd
%
% These patterns are free software under the LaTeX Project Public Licence
% (LPPL) version 1.3
%
% This work has the LPPL maintenance status `maintained'.
%
% The Current Maintainer of patterns is Jrg Knappen,
% maintainers of UTF-8 version are authors of hyph-utf8 package.
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Ukrainian hyphenation patterns

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you probably want to use loadhyph-bar.tex (which will load this file) instead.

Modifications were done by Jonathan Kew, Mojca Miklavc & Arthur Reutenauer
with help & support from:
- Karl Berry, who gave us free hands and all resources
- Taco Hoekwater, with useful macros
- Hans Hagen, who did the unicodisation of patterns already long before
  and helped with testing, suggestions and bug reports
- Norbert Preining, who tested & integrated patterns into TeX Live

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  and if you really cannot do without, also \input and \message
- in particular, please no \catcode or \lccode changes,
- they belong to loadhyph-bar.tex,
- and no \lefthyphenmin and \righthyphenmin,
- they have no influence here and belong elsewhere
- \begingroup and/or \endinput is not needed
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German hyphenation patterns (reformed orthography)

(more info about the licence to be added later)

% dehyphn-x-2011-06-01.pat

\message{German Hyphenation Patterns (Reformed Orthography, 2006) `dehyphn-x' 2011-06-01 (WL)}

% TeX-Trennmuster fr die reformierte (2006) deutsche Rechtschreibung
% 
% Copyright (C) 2007, 2008, 2009, 2011 Werner Lemberg <wl@gnu.org>
% 
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% of the LaTeX Project Public License Distributed from CTAN
% archives in directory macros/latex/base/lppl.txt; either
% version 1 of the License, or any later version.
%
% The word list is available from
% http://repo.or.cz/w/wortliste.git?a=commit;h=2d246449f5c4f570f4d735d3ad091f6ad70f6972
%
% The used patgen parameters are
%
% 1 1 | 2 5 | 1 1 1
% 2 2 | 2 5 | 1 2 1
% 3 3 | 2 6 | 1 1 1
% 4 4 | 2 6 | 1 4 1
% 5 5 | 2 7 | 1 1 1
% 6 6 | 2 7 | 1 6 1
% 7 7 | 2 13 | 1 4 1
% 8 8 | 2 13 | 1 8 1

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Galician hyphenation patterns

(more info about the licence to be added later)

% This is the file hyph-gl.tex, version 2.4
% Hyphenation patterns for Galician, written in the utf8 encoding.
% Generated with the mkpattern utility (v. 1.2), on 2010/04/23
% The original source file were glpatter-utf8.tex
% This is a generated file
% (c) Javier A. Mgica; 2006, 2007, 2008, 2010
% License: LPPL version 1.3
License information for hyph_ia.dic:

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Hyphenation patterns for Interlingua

(more info about the licence to be added later)

% This file is part of hyph-utf8 package and resulted from
% semi-manual conversions of hyphenation patterns into UTF-8 in June 2008.
% Source: iahyphen.tex (2005-06-28)
% Author: Peter Kleiweg <p.c.j.kleiweg at rug.nl>
% The above mentioned file should become obsolete,
% and the author of the original file should preferably modify this file instead.
% Modifications were needed in order to support native UTF-8 engines,
% but functionality (hopefully) didn't change in any way, at least not intentionally.
% This file is no longer stand-alone; at least for 8-bit engines
% you probably want to use loadhyph-foo.tex (which will load this file) instead.
% Modifications were done by Jonathan Kew, Mojca Miklavec & Arthur Reutenauer
with help & support from:
- Karl Berry, who gave us free hands and all resources
- Taco Hoekwater, with useful macros
- Hans Hagen, who did the unicodification of patterns already long before
  and helped with testing, suggestions and bug reports
- Norbert Preining, who tested & integrated patterns into TeX Live

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% please remove all of the TUG comments & credits that we added here -
% you are the Queen / the King, we are only the servants.
%
% If you want to change this file, rather than uploading directly to CTAN,
% we would be grateful if you could send it to us (http://tug.org/tex-hyphen)
% or ask for credentials for SVN repository and commit it yourself;
% we will then upload the whole "package" to CTAN.
%
% Before a new "pattern-revolution" starts,
% please try to follow some guidelines if possible:
% -`\lccode` is *forbidden*, and I really mean it
% - all the patterns should be in UTF-8
% - the only "allowed" TeX commands in this file are:\patterns, \hyphenation,
%   and if you really cannot do without, also \input and \message
% - in particular, please no `\catcode` or `\lccode` changes,
%   they belong to loadhyph-foo.tex,
%   and no `\lefthyphenmin` and `\righthyphenmin`,
%   they have no influence here and belong elsewhere
% - `\begingroup` and/or `\endinput` is not needed
% - feel free to do whatever you want inside comments
%
% We know that TeX is extremely powerful, but give a stupid parser
% at least a chance to read your patterns.
%
% For more information see
%
% http://tug.org/tex-hyphen
%
%------------------------------------------------------------------------------

File: iahyphen.tex
TeX hyphenation patterns for Interlingua.
Version 0.2b. Released 3 July 2001.
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Slovenian hyphenation patterns

(more info about the licence to be added later)

% This file is part of hyph-utf8 package and resulted from
% semi-manual conversions of hyphenation patterns into UTF-8 in June 2008.
% % Source: slhyph.tex (2007-01-29)
% % Author: Matja Vreko <matjaz at mg-soft.si>
% % The above mentioned file should become obsolete,
% and the author of the original file should preferably modify this file instead.
% % Modifications were needed in order to support native UTF-8 engines,
% but functionality (hopefully) didn't change in any way, at least not intentionally.
% This file is no longer stand-alone; at least for 8-bit engines
% you probably want to use loadhyph-foo.tex (which will load this file) instead.
% % Modifications were done by Jonathan Kew, Mojca Miklavec & Arthur Reutenauer
% with help & support from:
% - Karl Berry, who gave us free hands and all resources
% - Taco Hoekwater, with useful macros
% - Hans Hagen, who did the unicodification of patterns already long before
% and helped with testing, suggestions and bug reports
% - Norbert Preining, who tested & integrated patterns into TeX Live
% % However, the "copyright/copyleft" owner of patterns remains the original author.
% % The copyright statement of this file is thus:
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% If you're the original author of patterns or taking over a new revolution,
% please remove all of the TUG comments & credits that we added here -
% you are the Queen / the King, we are only the servants.
% % If you want to change this file, rather than uploading directly to CTAN,
% we would be grateful if you could send it to us (http://tug.org/tex-hyphen)
% or ask for credentials for SVN repository and commit it yourself;
% we will then upload the whole "package" to CTAN.
% % Before a new "pattern-revolution" starts,
% please try to follow some guidelines if possible:
% % - \lccode is *forbidden*, and I really mean it
% - all the patterns should be in UTF-8
% - the only "allowed" TeX commands in this file are: \patterns, \hyphenation,
% and if you really cannot do without, also \input and \message
% - in particular, please no \catcode or \lccode changes,
%    they belong to loadhyp-hfoo.tex,
%    and no \lefthyphenmin and \righthyphenmin,
%    they have no influence here and belong elsewhere
% - \begingroup and/or \endinput is not needed
% - feel free to do whatever you want inside comments
%
% We know that TeX is extremely powerful, but give a stupid parser
% at least a chance to read your patterns.
%
% For more unformation see
%
%    http://tug.org/tex-hyphen
%
%------------------------------------------------------------------------------
% This is `slhyph.tex' as of 15. 4. 97.
%
% Copyright (C) 1990 Matja Vreko, TeXCeX (SLO)
%    [slovenian hyphenation patterns]
%
% This program can be redistributed and/or modified under the terms
% of the LaTeX Project Public License Distributed from CTAN
% archives in directory macros/latex/base/lppl.txt; either
% version 1 of the License, or any later version.
%
% This file contains slovene hyphen patterns with
%
% Generation of hyphen patterns for TeX
%
%    Matja Vreko, TeXCeX (SLO), 1990
%
%    Email: matjaz@mg-soft.si
%
% Changes:
%  1990    First version of `hyphen.si' (Matja Vreko, TeXCeX)
%
%    Some cosmetic changes done later on, but none of these apply any more;
%    the patterns are still the same as they were originally:
%
%  1994-05-17 Use of code page 852 in patterns (Leon lajpah)
%  1995-04-06 Release of `sihyph21.tex'
%  1995-06-20 Added \slovenehyphenmins
%    Release of `sihyph22.tex'
%  1997-15-04 Some changes concerning "c, "s, "z and ...
%    Release of `sihyph23.tex'
%  2007-01-20 `sihyph23.tex' renamed to `slhyph.tex'
%    (sl is the proper language code for Slovenian)
License information for hyph_de-CH.dic:

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Swiss-German hyphenation patterns (traditional orthography)

(more info about the licence to be added later)

% dehyphts-x-2011-06-01.pat

\message{Swiss-German Hyphenation Patterns (Traditional Orthography) `dehyphts-x' 2011-06-01 (WL)}

% TeX-Trennmuster fr die traditionelle deutsch-schweizerische
% Rechtschreibung
%
% Copyright (C) 2009, 2011 Werner Lemberg <wl@gnu.org>
%
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% of the LaTeX Project Public License Distributed from CTAN
% archives in directory macros/latex/base/lppl.txt; either
% version 1 of the License, or any later version.
%
% The word list is available from
%
% http://repo.or.cz/w/wortliste.git?a=commit;h=2d246449f5c4f570f4d735d3ad091f6ad70f6972
%
% The used patgen parameters are
%
% 1 1 | 2 5 | 1 1 1
% 2 2 | 2 5 | 1 2 1
License information for hyph_da.dic:

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Danish hyphenation patterns

(more info about the licence to be added later)

% This file is part of hyph-utf8 package and resulted from
% semi-manual conversions of hyphenation patterns into UTF-8 in June 2008.
%  
% Source: dkcommon.tex (yyyy-mm-dd), dkspecial.tex (yyyy-mm-dd)
% Author: Frank Jensen <frank.jensen at hugin.com>
%  
% The above mentioned file should become obsolete,
% and the author of the original file should preferably modify this file instead.
%  
% Modifications were needed in order to support native UTF-8 engines,
% but functionality (hopefully) didn't change in any way, at least not intentionally.
% This file is no longer stand-alone; at least for 8-bit engines
% you probably want to use loadhyph-foo.tex (which will load this file) instead.
%  
% Modifications were done by Jonathan Kew, Mojca Miklavc & Arthur Reutenauer
% with help & support from:
% - Karl Berry, who gave us free hands and all resources
% - Taco Hoekwater, with useful macros
% - Hans Hagen, who did the unicodification of patterns already long before
% and helped with testing, suggestions and bug reports
% - Norbert Preining, who tested & integrated patterns into TeX Live
%
% However, the "copyright/copyleft" owner of patterns remains the original author.
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% you are the Queen / the King, we are only the servants.
%
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% or ask for credentials for SVN repository and commit it yourself;
% we will then upload the whole "package" to CTAN.
%
% Before a new "pattern-revolution" starts,
% please try to follow some guidelines if possible:
%
% - \lccode is *forbidden*, and I really mean it
% - all the patterns should be in UTF-8
% - the only "allowed" TeX commands in this file are: \patterns, \hyphenation,
% and if you really cannot do without, also \input and \message
% - in particular, please no \catcode or \lccode changes,
% they belong to loadhyph-foo.tex,
% and no \lefthyphenmin and \righthyphenmin,
% they have no influence here and belong elsewhere
% \begingroup and/or \endinput is not needed
% - feel free to do whatever you want inside comments
%
% We know that TeX is extremely powerful, but give a stupid parser
% at least a chance to read your patterns.
%
% For more information see
%
% http://tug.org/tex-hyphen
%
%-------------------------------------------------------------------
%
% This file contains the hyphenation patterns for Danish.
%
%% Copyright 1994 Frank Jensen (Frank.Jensen@hugin.com)
%
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% conditions of the LaTeX Project Public License, either version 1.3
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Icelandic hyphenation patterns

(more info about the licence to be added later)

This file is part of hyph-utf8 package and resulted from semi-manual conversions of hyphenation patterns into UTF-8 in June 2008.

Source: icehyph.tex (2004-03-08)
Author: Jorgen Pind <jorgen at lexis.hi.is>

The above mentioned file should become obsolete, and the author of the original file should preferably modify this file instead.

Modifications were needed in order to support native UTF-8 engines, but functionality (hopefully) didn't change in any way, at least not intentionally.
This file is no longer stand-alone; at least for 8-bit engines you probably want to use loadhyph-foo.tex (which will load this file) instead.

Modifications were done by Jonathan Kew, Mojca Miklavec & Arthur Reutenauer with help & support from:
- Karl Berry, who gave us free hands and all resources
- Taco Hoekwater, with useful macros
- Hans Hagen, who did the unicodification of patterns already long before

and helped with testing, suggestions and bug reports
- Norbert Preining, who tested & integrated patterns into TeX Live

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  and if you really cannot do without, also \input and \message
- in particular, please no \catcode or \lcod e changes,
  they belong to loadhyph-foo.tex,
  and no \lefthyphenmin and \righthyphenmin,
  they have no influence here and belong elsewhere
- \begingroup and/or \endinput is not needed
- feel free to do whatever you want inside comments

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For more unformation see
http://tug.org/tex-hyphen

The Icelandic Plain TeX hyphenation tables
as of Nov 2 1988.
Jorgen Pind, Institute of Lexicography, Univ. of Iceland
jorgen@lexis.hi.is (Internet)

Mar 2 2004: Uploaded a new version to CTAN, with a clarified license statement, at the request of the author, Jorgen Pind.
Kristinn Gylfason (kristgy@ieee.org)
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Catalan hyphenation patterns

(more info about the licence to be added later)

% This file is part of hyph-utf8 package and resulted from
% semi-manual conversions of hyphenation patterns into UTF-8 in June 2008.
%
% Source: cahyph.tex (2003-09-08)
% Author: Gonal Badenes <g.badenes at ieee.org>
% %
% The above mentioned file should become obsolete,
% and the author of the original file should preferably modify this file instead.
% %
% Modifications were needed in order to support native UTF-8 engines,
% but functionality (hopefully) didn't change in any way, at least not intentionally.
% This file is no longer stand-alone; at least for 8-bit engines
% you probably want to use loadhyph-foo.tex (which will load this file) instead.
% %
% Modifications were done by Jonathan Kew, Mojca Miklavec & Arthur Reutenauer
% with help & support from:
% - Karl Berry, who gave us free hands and all resources
% - Taco Hoekwater, with useful macros
% - Hans Hagen, who did the unicodisation of patterns already long before
%     and helped with testing, suggestions and bug reports
% - Norbert Preining, who tested & integrated patterns into TeX Live
%
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% please remove all of the TUG comments & credits that we added here -
% you are the Queen / the King, we are only the servants.
%
% If you want to change this file, rather than uploading directly to CTAN,
% we would be grateful if you could send it to us (http://tug.org/tex-hyphen)
% or ask for credentials for SVN repository and commit it yourself;
% we will then upload the whole "package" to CTAN.
%
% Before a new "pattern-revolution" starts,
% please try to follow some guidelines if possible:
%
% - \lccode is *forbidden*, and I really mean it
% - all the patterns should be in UTF-8
% - the only "allowed" TeX commands in this file are: \patterns, \hyphenation,
%     and if you really cannot do without, also \input and \message
% - in particular, please no \catcode or \lccode changes,
%     they belong to loadhyph-foo.tex,
%     and no \lefthyphenmin and \righthyphenmin,
%     they have no influence here and belong elsewhere
% - \begingroup and/or \endinput is not needed
% - feel free to do whatever you want inside comments
%
% We know that TeX is extremely powerful, but give a stupid parser
% at least a chance to read your patterns.
%
% For more unformation see
%
% http://tug.org/tex-hyphen
%
%------------------------------------------------------------------------------
%
% Hyphenation patterns for Catalan.
% This is version 1.11
% Compiled by Gonal Badenes and Francina Turon,
%
% Copyright (C) 1991-2003 Gonal Badenes
%
% -----------------------------------------------------------------

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% of the LaTeX Project Public License Distributed from CTAN
% archives in directory macros/latex/base/lppl.txt; either
% version 1 of the License, or any later version.
% -----------------------------------------------------------------

% NOTICE: Version 1.11 is identical to version 1.10 (issued on January 17,
% 1995) except for the updated copyright notice above.

% The macros used were created for ghyph31.tex by Bernd Raichle (see the
% German hyphenation pattern files for further details)

% This patterns have been created using standard, conservative
% hyphenation rules for catalan. The results have refined running them
% through patgen. In that way, the number of hits has been increased.

% These rules produce no wrong patterns (Results checked against the
% "Diccionari Ortogràfic i de Pronúncia", Enciclopèdia Catalana. The percentage of valid hyphen misses is lower than 1%

% Some of the patterns below represent combinations that never
% happen in Catalan. We have tried to keep them to a minimum.

% *** IMPORTANT ***
% \lefthyphenmin and \righthyphenmin should be set to 2 and 2
% respectively. If you set them below these values incorrect breaks
% will happen (specially at the beginning of foreign words and words
% which begin with some prefixes).
% *** IMPORTANT ***
%
% Please report any problem you might have to the authors!!!
%
License information for hyph_nl.dic:

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Dutch hyphenation patterns

(more info about the licence to be added later)

% This file is part of hyph-utf8 package and resulted from
% semi-manual conversions of hyphenation patterns into UTF-8 in June 2008.
%
% Source: nehyph96.tex (yyyy-mm-dd)
% Author: Piet Tutelaers
%
% The above mentioned file should become obsolete,
% and the author of the original file should preferaby modify this file instead.
%
% Modifications were needed in order to support native UTF-8 engines,
% but functionality (hopefully) didn't change in any way, at least not intentionally.
% This file is no longer stand-alone; at least for 8-bit engines
% you probably want to use loadhyph-foo.tex (which will load this file) instead.
%
% Modifications were done by Jonathan Kew, Mojca Miklavec & Arthur Reutenauer
% with help & support from:
% - Karl Berry, who gave us free hands and all resources
% - Taco Hoekwater, with useful macros
% - Hans Hagen, who did the unicodifisation of patterns already long before
%     and helped with testing, suggestions and bug reports
% - Norbert Preining, who tested & integrated patterns into TeX Live
%
% However, the "copyright/copyleft" owner of patterns remains the original author.
%
% The copyright statement of this file is thus:
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% If you're the original author of patterns or taking over a new revolution,
% please remove all of the TUG comments & credits that we added here -
% you are the Queen / the King, we are only the servants.
%
% If you want to change this file, rather than uploading directly to CTAN,
% we would be grateful if you could send it to us (http://tug.org/tex-hyphen)
% or ask for credentials for SVN repository and commit it yourself;
% we will then upload the whole "package" to CTAN.
%
% Before a new "pattern-revolution" starts,
% please try to follow some guidelines if possible:
%
% - \lccode is *forbidden*, and I really mean it
% - all the patterns should be in UTF-8
% - the only "allowed" TeX commands in this file are: \patterns, \hyphenation,
%     and if you really cannot do without, also \input and \message
% - in particular, please no \catcode or \lccode changes,
% - they belong to loadhyph-foo.tex,
% - and no \lefthyphenmin and \righthyphenmin,
% - they have no influence here and belong elsewhere
% - \begingroup and/or \endinput is not needed
% - feel free to do whatever you want inside comments
%
% We know that TeX is extremely powerful, but give a stupid parser
% at least a chance to read your patterns.
%
% For more information see
%
% http://tug.org/tex-hyphen
%
% PURPOSE: 8-bit hyphenation patterns for TeX based upon the new Dutch
% spelling, officially since 1 August 1996. These patterns follow
% the new hyphenation rules in the `Woordenlijst Nederlandse
% Taal, SDU Uitgevers, Den Haag 1995' (the so called `Groene
% Boekje') described in section 5.2 (Het afbreekteken).
%
% The main differences with our earlier patterns based upon the
% CELEX dictionary are:
% (1) provide 8-bit patterns based upon the T1 character encoding
% (the encoding for DC/EC compatible TeX fonts)
% (2) don't hyphenate if this results in a syllable of one letter
% before or after the hyphen (hence hyphens in a-drenaline,
% studi-o, mensa-pen and vide-oachtig are invalid)
% (3) handle words derived from other languages (`bastaard
% woorden') according to the new rules
%
% Like the CELEX patterns these patterns don't hyphenate:
% (4) in a changing syllable (menuutje can not be hyphenated as
% menu-tje)
% (5) in words that have different hyphenations according to
% there meaning (buur-tje/buurt-je)
%
% COPYRIGHT (C) 1996: Piet Tutelaers
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% version 1 of the License, or any later version.
% VERSION: 1.1 (November 1996) Copyright changed March 2000
% AUTHOR: Piet Tutelaers P.T.H.Tutelaers@tue.nl
% License information for hyph_la.dic:

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Latin hyphenation patterns

(more info about the licence to be added later)

% This file is part of hyph-utf8 package and resulted from
% semi-manual conversions of hyphenation patterns into UTF-8 in June 2008.
% % Source: lahyph.tex (2007-09-03)
% % Author: Claudio Beccari <claudio.beccari at polito.it>
% % The above mentioned file should become obsolete,
% % and the author of the original file should preferably modify this file instead.
% % Modifications were needed in order to support native UTF-8 engines,
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% % This file is no longer stand-alone; at least for 8-bit engines
% % you probably want to use loadhyph-foo.tex (which will load this file) instead.
% % Modifications were done by Jonathan Kew, Mojca Miklavec & Arthur Reutenauer
% with help & support from:
% - Karl Berry, who gave us free hands and all resources
% - Taco Hoekwater, with useful macros
% - Hans Hagen, who did the unicodifisation of patterns already long before
% and helped with testing, suggestions and bug reports
% - Norbert Preining, who tested & integrated patterns into TeX Live
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we will then upload the whole "package" to CTAN.

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- in particular, please no \catcode or \lccode changes,
- they belong to loadhyph-foo.tex,
- and no \lefthyphenmin and \righthyphenmin,
- they have no influence here and belong elsewhere
- \begingroup and/or \endinput is not needed
- feel free to do whatever you want inside comments

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---

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[latin hyphenation patterns]

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archives in directory macros/latex/base/lppl.txt; either
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Patterns for the latin language mainly in modern spelling
(u when u is needed and v when v is needed); medieval spelling
with the ligatures \ae and \oe and the (uncial) lowercase \`v'
written as a `u' is also supported; apparently there is no conflict
between the patterns of modern Latin and those of medieval Latin.

Support for font encoding T1 with a 256-character set.
% Prepared by Claudio Beccari
% Politecnico di Torino
% Torino, Italy
% e-mail beccari@polito.it
%
% 1999/03/10 Integration of `lahyph7.tex' and `lahyph8.tex' into
% one file `lahyph.tex' supporting fonts in OT1 and T1 encoding by
% Bernd Raichle using the macro code from `dehypht.tex' (this code
% %
% 2010/05/31 Removal of OT1 support
% 2010/06/01 Removal of pattern 2'2 (probably a leftover from Italian)
%
% versionnumber{3.2} versiondate{2010/06/01}
%
% Information after \endinput.
%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%%%%%%%%%%%%%%%%%%%%%
%
% \message{Latin Hyphenation Patterns `lahyph' Version 3.2 <2010/06/01>}
%
%
License information for hyph_hu.dic:

Derived from hyph_hu.tex in the "huhyphn" package <https://github.com/nagybence/huhyphn>,
by processing the TeX hyphenation patterns with substrings.pl.

% Huhypnh - hungarian hyphenation patterns v20110815
%
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%
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% semi-manual conversions of hyphenation patterns into UTF-8 in June 2008.
% See http://tug.org/tex-hyphen and other files in the package
% However, this file does not comply with rules of other patterns
% as it still uses TeX macros, and a dedicated converter would be needed
% to convert patterns into OponOffice-friendly form for example.
% But it should work OK with both 8-bit engines (TeX, pdfTeX, ...)
% as well as with native UTF-8 ones (XeTeX, LuaTeX, ...)
%---------------------------------------------------------------
% `message{Esperanto Hyphenation Patterns `eohyph', 1999-08-10}
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% More documentation can be found near the end of this file.
% \begin{group}
% Makrooj por la finaoj:
% \def\adj#1{#1a. #1aj. #1ajn. #1an. #1e.}
% \edef\nom#1{\adj{#1} #1o. #1oj. #1ojn. #1on.}
% \def\ver#1{#1as. #1i. #1is. #1os. #1u. #1us.}
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Afrikaans hyphenation patterns

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% http://www.latex-project.org/lppl.txt
% and version 1.3 or later is part of all distributions of LaTeX
% version 2005/12/01 or later.
% ---------------------------------------------------------------
% VERSION: 0.9 (October 2010)
%
% AUTHORS: Tilla Fick and Chris Swanepoel
%          hyphen at rekenaar dot net
% ---------------------------------------------------------------
%
% Define lefthyphenmin to one and righthyphenmin to two
% (although righthyphenmin could technically be made one,
% in allmost all cases a value of two gives better results):
% \lefthyphenmin=1 \righthyphenmin=2
%
% ---------------------------------------------------------------

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(New) Mongolian hyphenation patterns

(more info about the licence to be added later)

% This file is part of hyph-utf8 package and resulted from
% semi-manual conversions of hyphenation patterns into UTF-8 in June 2008.
% Source: mnhyphn.tex (2008-03-30)
% Author: Dorjgotov Batmunkh <bataak at gmail.com>
% The above mentioned file should become obsolete,
% and the author of the original file should preferably modify this file instead.
% Modifications were needed in order to support native UTF-8 engines,
% but functionality (hopefully) didn't change in any way, at least not intentionally.
% This file is no longer stand-alone; at least for 8-bit engines
% you probably want to use loadhyph-foo.tex (which will load this file) instead.
% Modifications were done by Jonathan Kew, Mojca Miklavec & Arthur Reutenauer
% with help & support from:
% - Karl Berry, who gave us free hands and all resources
% - Taco Hoekwater, with useful macros
% - Hans Hagen, who did the unicodisation of patterns already long before
% and helped with testing, suggestions and bug reports
% - Norbert Preining, who tested & integrated patterns into TeX Live
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% we will then upload the whole “package” to CTAN.
%
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%   and if you really cannot do without, also \input and \message
% - in particular, please no `\catcode` or `\lccode` changes,
% they belong to loadhyph-foo.tex,
% and no `\lefthyphenmin` and `\righthyphenmin`,
% they have no influence here and belong elsewhere
% - `\begingroup` and/or `\endinput` is not needed
% - feel free to do whatever you want inside comments
%
% We know that TeX is extremely powerful, but give a stupid parser
% at least a chance to read your patterns.
%
% For more unformation see
%
% http://tug.org/tex-hyphen
%
%--------------------------------------------------------------------------
%
%% mnhyphn.tex v1.2 2008/03/23 (2010/04/03)
%% Copyright 2007-2010 by Dorjgotov Batmunkh, National University of Mongolia
%% email bataak@gmail.com
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% and version 1.3 or later is part of all distributions of LaTeX
% version 2005/12/01 or later.
%
% Special thanks to: Jim Hefferon and Robin Fairbairns
%
% There are few basic rules in mongolian
%
% 1. If there is a consonant then it can use hyphen before it.
% And if there're two consonants then it can use hyphen before second consonant.
% Are there three consonants then it can put hyphen before third consonant,
% also are there four consonants then it can use hyphen before fourth consonant.
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Swedish hyphenation patterns (Jan Michael Rynning, 1994-03-03)

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% This file is part of hyph-utf8 package and resulted from
% semi-manual conversions of hyphenation patterns into UTF-8 in June 2008.
%
% Source: sehyph.tex (2003-09-08)
% Author: Jan Michael Rynning
%
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%
% Modifications were needed in order to support native UTF-8 engines,
% but functionality (hopefully) didn't change in any way, at least not intentionally.
% This file is no longer stand-alone; at least for 8-bit engines
% you probably want to use loadhyph-foo.tex (which will load this file) instead.
%
% Modifications were done by Jonathan Kew, Mojca Miklavec & Arthur Reutenauer
% with help & support from:
% - Karl Berry, who gave us free hands and all resources
% - Taco Hoekwater, with useful macros
% - Hans Hagen, who did the unicodifisation of patterns already long before
% and helped with testing, suggestions and bug reports
% - Norbert Preining, who tested & integrated patterns into TeX Live
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- all the patterns should be in UTF-8
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  and if you really cannot do without, also \input and \message
- in particular, please no \catcode or \lccode changes,
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- they have no influence here and belong elsewhere
- \begingroup and/or \endinput is not needed
- feel free to do whatever you want inside comments

We know that TeX is extremely powerful, but give a stupid parser
at least a chance to read your patterns.

For more information see

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Swedish hyphenation patterns.

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is in http://www.latex-project.org/lppl.txt and version 1.2 or later is
part of all distributions of LaTeX version 1999/12/01 or later.

Revision history:
1991-01-08: First version available for anonymous FTP.
1991-08-08: Changed \aa to \aa0 at end of line, to stop TeX from
concatenating the patterns.
% 1991-09-03: Cleaned up lots of inconsistencies in the dictionary.
% As a consequence, the patterns shrunk a lot. Also
% added some 4000 one-syllable words, some of which were
% hyphenated by the old patterns, and some 1500 compound
% words, about half of which were incorrectly hyphenated
% by the old patterns.
% 1991-11-01: Added another some 6200 compound words, all of which were
% incorrectly hyphenated by the old patterns.
% 1991-11-13: Added another some 6500 compound words, all of which were
% incorrectly hyphenated by the old patterns.
% 1992-01-30: Changed macros to ^^, for use with LaTeX and dc fonts.
% 1994-03-03: The hyphenated dictionary now contains about 118,000 words.
% The hyphenation now works much better for compound words.
% Patgen parameters: 1 2 20, 2 1 8, 1 4 7, 3 2 1, 1 10000 4.
%
% This file contains Swedish hyphenation patterns for TeX. It assumes
% that you have fonts with the Swedish letters in the positions where
% they occur in ISO Latin 1 (ISO 8859/1):
% Letter: \AA \"A \"O \"E \aa \"a \"o \"e
% Position: "C5 "C4 "D6 "C9 "E5 "E4 "F6 "E9
%
% Load this file into initex after plain.tex (or lplain.tex, splain.tex,
% or whatever).
%
% The patterns were generated in such a way that they will hyphenate
% correctly if \lefthyphenmin>=1 and \righthyphenmin>=2.
%
% These hyphenation patterns work quite well for simple words, but not
% quite as well for compound words. I'm working on improving the quality,
% by adding more words. If you know any Swedish words which are not
% correctly hyphenated using these patterns, or if you have questions or
% comments, please contact me:
%
% Jan Michael Rynning <jmr@incolumitas.se>
% ------------------------------------------------------------------
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French hyphenation patterns (V2.12, 2002/12/11)

(more info about the licence to be added later)

% This file is part of hyph-utf8 package and resulted from 
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% 
% Source: frhyph.tex <2006-10-20> 
% Author: R. Bastian, D. Flipo, B. Gaulle <cesure-l at gutenberg.eu.org> 
% 
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% and the author of the original file should preferaby modify this file instead. 
% 
% Modifications were needed in order to support native UTF-8 engines, 
% but functionality (hopefully) didn't change in any way, at least not intentionally. 
% This file is no longer stand-alone; at least for 8-bit engines 
% you probably want to use loadhyph-foo.tex (which will load this file) instead. 
% 
% Modifications were done by Jonathan Kew, Mojca Miklavec & Arthur Reutenauer 
% with help & support from: 
% - Karl Berry, who gave us free hands and all resources 
% - Taco Hoekwater, with useful macros 
% - Hans Hagen, who did the unicodifisation of patterns already long before 
%     and helped with testing, suggestions and bug reports 
% - Norbert Preining, who tested & integrated patterns into TeX Live 
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% we will then upload the whole "package" to CTAN. 
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% and if you really cannot do without, also \input and \message
% - in particular, please no \catcode or \lccode changes,
% they belong to loadhyph-foo.tex,
% and no \lefthyphenmin and \righthyphenmin,
% they have no influence here and belong elsewhere
% - \begingroup and/or \endinput is not needed
% - feel free to do whatever you want inside comments
%
% We know that TeX is extremely powerful, but give a stupid parser
% at least a chance to read your patterns.
%
% For more unformation see
%
% http://tug.org/tex-hyphen
%
%---------------------------------------------------------------
%
% French hyphenation patterns
%
% This file is available for free and can used and redistributed
% as is for free. Modified versions should have another name.
%
% \message{frhyph.tex - French hyphenation patterns (V2.12) <2002/12/11>}
%
%---------------------------------------------------------------

% \message{frhyph.tex - French hyphenation patterns (V2.12) <2002/12/11>}
%
% *BEFORE* using this file *PLEASE* run checksum on it:  
% checksum -v frhyph.tex  
% to make sure that it hasn't been damaged.
%
% Then if you notice anything wrong in french hyphenation please report to  
% R. Bastian, D. Flipo, B. Gaulle at the email address:  
% cesure-l@gutenberg.eu.org  
% 
% checksum = "37208 1458 3078 34821"
%
% The most famous good guys who worked hard to obtain something usable.
% Jacques Desarmenien, Universite de Strasbourg:
% - << how to run TeX in a French environment: hyphenation, fonts,
% typography. >> in Tugboat, 5 (1984) 91-102. and TeX85 conference
% - << La division par ordinateur des mots francais:
% application a TeX >> in TSI vol. 5 No 4, 1986 (C) AFCET-
% Gauthier-Villars
% Norman Buckle, UQAH (nb; many additions)
% Michael Ferguson, INRS-Telecommunications (mjf) June 1988
% Justin Bur, Universite de Montreal (jbb; checked against original list)
% all patterns including apostrophe missing from nb list
% after that, GUTenberg and specially Daniel Flipo and Bernard Gaulle
% did their best effort to improve the list of patterns.
%
% %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%
% Adaption of these patterns for
% - TeX Version 3.x and MLTeX 3.x (2.x)
% and
% - all fonts in T1/'Cork' and/or CM/OT1 encoding
% by Bernd Raichle 1996/08/28 (using ideas from `ghyph31.tex'
% as of 1994-02-13 maintained by Bernd Raichle).
% (An adaption for the old MLTeX 2.x exists but can not be
% tested in lack of an executable.)
%
% %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%
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A) The U.S. District Court for the Eastern District of Virginia has
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Videotex as defined by the ’669 patent; 2) web servers are not central
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Patent, to web servers on the Internet. Wang may appeal this decision to
the Federal Circuit. Wang contended that its Patent disclosing a
"Videotex" system, is infringed by the following functionality in the
Netscape Navigator code: 1) the animated logo and status line indicators
--See Claims 1,8 and 9; 2) the "File Save As" function --See Claims
23-27; 3) Bookmarks and Rename Bookmarks in the Properties window --See
Claims 20-22; 4) storing HTML, GIF, and JPEG files and adding filename
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B) Intermind owns pending U.S. patent applications on communications
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information is to be updated, 2) when to update this information, and 3)
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 *
 * From: Wilco Dijkstra <Wilco.Dijkstra@ntlworld.com>
 * Date: Fri, Jun 24, 2011 at 3:20 AM
 * Subject: Re: sqrt routine
 * To: Kevin Ma <kma@google.com>
 * Hi Kevin,
 * Thanks for asking. Those routines are public domain (originally posted to
 * comp.sys.arm a long time ago), so you can use them freely for any purpose.
 * Cheers,
 * Wilco
 *
 * ----- Original Message ----- *
 * From: "Kevin Ma" <kma@google.com>
 * To: <Wilco.Dijkstra@ntlworld.com>
 * Sent: Thursday, June 23, 2011 11:44 PM
 */
* Subject: Fwd: sqrt routine
* Hi Wilco,
* I saw your sqrt routine from several web sites, including
* http://www.finesse.demon.co.uk/steven/sqrt.html.
* Just wonder if there's any copyright information with your Successive
approximation routines, or if I can freely use it for any purpose.
* Thanks.
* Kevin
*/

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*
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/*
* $Id: pa_memorybarrier.h 1240 2007-07-17 13:05:07Z bjornroche $
* Portable Audio I/O Library
* Memory barrier utilities
*
* Author: Bjorn Roche, XO Audio, LLC
*
* This program uses the PortAudio Portable Audio Library.
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/*
* $Id: pa_ringbuffer.c 1421 2009-11-18 16:09:05Z bjornroche $
* Portable Audio I/O Library
* Ring Buffer utility.
*
* Author: Phil Burk, http://www.softsynth.com
* modified for SMP safety on Mac OS X by Bjorn Roche
* modified for SMP safety on Linux by Leland Lucius
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<?xml-stylesheet href="chrome://global/skin/" type="text/css"?>
const TESTS = [ {
  pageid: PAGEID_CHECKING
}, {
  pageid: PAGEID_FOUND_BILLBOARD,
  extraDelayedCheckFunction: checkRemoteContentState,
  expectedRemoteContentState: "loading",
  extraDelayedFinishFunction: addRemoteContentLoadListener
}, {
  pageid: PAGEID_FOUND_BILLBOARD,
  extraStartFunction: waitForRemoteContentLoaded,
  expectedRemoteContentState: "loaded",
  buttonClick: "next"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 1,
  extraDelayedCheckFunction: checkRemoteContentState,
  expectedRemoteContentState: "loading",
  extraDelayedFinishFunction: addRemoteContentLoadListener
}, {
  pageid: PAGEID_LICENSE,
  extraStartFunction: waitForRemoteContentLoaded,
  expectedRemoteContentState: "loaded",
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 1,
  extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
  radioClick: "accept"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 0,
  buttonClick: "extra1"
}, {
  pageid: PAGEID_FOUND_BILLBOARD,
  extraCheckFunction: checkRemoteContentState,
  expectedRemoteContentState: "loaded",
  buttonClick: "next"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 0,
  extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
  radioClick: "decline"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 1,
function runTest() {
  debugDump("entering");

  let url = URL_HTTP_UPDATE_XML + "?showBillboard=1&showLicense=1" +
    "&showDetails=1" + getVersionParams();
  setUpURLOverride(url);

  gUP.checkForUpdates();
}

</window>

<?xml version="1.0"?>
<!--
/* Any copyright is dedicated to the Public Domain.
 * http://creativecommons.org/publicdomain/zero/1.0/
 */
-->

<?xml-stylesheet href="chrome://global/skin" type="text/css"?>
<?xml-stylesheet href="chrome://mochikit/content/tests/SimpleTest/test.css" type="text/css"?>

<window title="Update Wizard pages: add-ons check, billboard, license, download, and finished" xmlns="http://www.mozilla.org/keymaster/gatekeeper/there.is.only.xul" onload="runTestDefault();">
  <script type="application/javascript"
    src="chrome://mochikit/content/tests/SimpleTest/SimpleTest.js"/>
</body>
const TESTS = [ {
  pageid: PAGEID_INCOMPAT_CHECK
}, {
  pageid: PAGEID_FOUND_BILLBOARD,
  extraDelayedCheckFunction: checkRemoteContentLoadedState,
  expectedRemoteContentLoadedState: "loading",
  extraDelayedFinishFunction: addRemoteContentLoadedStateListener
}, {
  pageid: PAGEID_FOUND_BILLBOARD,
  extraStartFunction: waitForRemoteContentLoaded,
  expectedRemoteContentLoadedState: "loaded",
  buttonClick: "next"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 1,
  extraDelayedCheckFunction: checkRemoteContentLoadedState,
  expectedRemoteContentLoadedState: "loading",
  extraDelayedFinishFunction: addRemoteContentLoadedStateListener
}, {
  pageid: PAGEID_LICENSE,
  extraStartFunction: waitForRemoteContentLoaded,
  expectedRemoteContentLoadedState: "loaded",
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 1,
  extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
  radioClick: "accept"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 0,
  buttonClick: "extra1"
}, {
  pageid: PAGEID_FOUND_BILLBOARD,
  extraCheckFunction: checkRemoteContentLoadedState,
  expectedRemoteContentLoadedState: "loaded",
  buttonClick: "next"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 0,
  extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
radioClick: "decline"
}, {
pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 1,
extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
radioClick: "accept"
}, {
pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 0,
buttonClick: "next"
}, {
pageid: PAGEID_DOWNLOADING
}, {
pageid: PAGEID_FINISHED,
buttonClick: "extra1"
}:

gDisableNoUpdateAddon = true;

function runTest() {
  debugDump(“entering”);

  let url = URL_HTTP_UPDATE_XML + ”?showBillboard=1&showLicense=1” +
    ”&showDetails=1&showPrompt=1” +
    getVersionParams(getNewerAppVersion(), getNewerPlatformVersion());
  setUpdateURLOverride(url);

  gAUS.notify(null);
}

</script>

<body xmlns="http://www.w3.org/1999/xhtml">
<p id="display"></p>
<div id="content" style="display: none"></div>
<pre id="test"></pre>
</body>
</window>

<?xml version="1.0"?
<!--
/* Any copyright is dedicated to the Public Domain.
 * http://creativecommons.org/publicdomain/zero/1.0/
 */
-->
<?xml-stylesheet href="chrome://global/skin" type="text/css"/>
<?xml-stylesheet href="chrome://mochikit/content/tests/SimpleTest/test.css" type="text/css"/>

<html>
<body>

<window title="Update Wizard pages: add-ons check, billboard, license, add-ons list, download, and finished" xmlns="http://www.mozilla.org/keymaster/gatekeeper/there.is.only.xul"
  onload="runTestDefault();">
<script type="application/javascript"
  src="chrome://mochikit/content/tests/SimpleTest/SimpleTest.js"/>
<script type="application/javascript"
  src="utils.js"/>

<script type="application/javascript">
<![CDATA[
const TESTS = [ {
  pageid: PAGEID_INCOMPAT_CHECK
}, {
  pageid: PAGEID_FOUND_BILLBOARD,
  extraDelayedCheckFunction: checkRemoteContentState,
  expectedRemoteContentState: "loading",
  extraDelayedFinishFunction: addRemoteContentLoadListener
}, {
  pageid: PAGEID_FOUND_BILLBOARD,
  extraStartFunction: waitForRemoteContentLoaded,
  expectedRemoteContentState: "loaded",
  buttonClick: "next"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 1,
  extraDelayedCheckFunction: checkRemoteContentState,
  expectedRemoteContentState: "loading",
  extraDelayedFinishFunction: addRemoteContentLoadListener
}, {
  pageid: PAGEID_LICENSE,
  extraStartFunction: waitForRemoteContentLoaded,
  expectedRemoteContentState: "loaded",
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 0,
  buttonClick: "next"
}, {
  pageid: PAGEID_INCOMPAT_LIST,
</script>
</body>
</html>
extraDelayedCheckFunction: checkIncompatibleList,
buttonClick: "extra1"
},
{ pageid: PAGEID_LICENSE,
buttonClick: "extra1"
},
{ pageid: PAGEID_FOUND_BILLBOARD,
extraCheckFunction: checkRemoteContentState,
expectedRemoteContentState: "loaded",
buttonClick: "next"
},
{ pageid: PAGEID_LICENSE,
exraCheckFunction: checkRemoteContentState,
extpectedRemoteContentState: "loaded",
buttonClick: "next"
},
{ pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 0,
extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
radioClick: "decline"
},
{ pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 1,
extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
radioClick: "accept"
},
{ pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 0,
buttonClick: "next"
},
{ pageid: PAGEID_INCOMPAT_LIST,
extraDelayedCheckFunction: checkIncompatibleList,
buttonClick: "next"
},
{ pageid: PAGEID_DOWNLOADING
},
{ pageid: PAGEID_FINISHED,
buttonClick: "extra1"
}
];

function runTest() {
debugDump("entering");

let url = URL_HTTP_UPDATE_XML + "?showBillboard=1&showLicense=1" + ":showDetails=1&showPrompt=1" + 
getVersionParams(getNewerAppVersion(), getNewerPlatformVersion());
setUpdateURLOverride(url);

gAUS.notify(null);
}
function runTest() {
    debugDump("entering");

    let url = URL_HTTP_UPDATE_XML + "?showLicense=1&showDetails=1&showPrompt=1" +
              getVersionParams(getNewerAppVersion(), getNewerPlatformVersion());
    setUpdateURLOverride(url);

    gAUS.checkForBackgroundUpdates();
}

]}>

expectedRadioGroupSelectedIndex: 1,
extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
radioClick: "accept"
}, {
pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 0,
buttonClick: "extra1"
}, {
pageid: PAGEID_FOUND_BASIC,
buttonClick: "next"
}, {
pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 1,
extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
radioClick: "decline"
}, {
pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 0,
extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
radioClick: "accept"
}, {
pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 0,
buttonClick: "extra1"
}, {
pageid: PAGEID_DOWNLOADING
}, {
pageid: PAGEID_FINISHED,
buttonClick: "extra1"
};
gDisableNoUpdateAddon = true;

function runTest() {
    debugDump("entering");

    let url = URL_HTTP_UPDATE_XML + "?showLicense=1&showDetails=1&showPrompt=1" +
              getVersionParams(getNewerAppVersion(), getNewerPlatformVersion());
    setUpdateURLOverride(url);

    gAUS.checkForBackgroundUpdates();
}
function runTest() {
    debugDump("entering");

    let url = URL_HTTP_UPDATE_XML + "?showLicense=1&showDetails=1&showPrompt=1" +
        getVersionParams();
    setUpdateURLOverride(url);

    gAUS.checkForBackgroundUpdates();
}

}]>
</script>

<body xmlns="http://www.w3.org/1999/xhtml">
<p id="display"></p>
<div id="content" style="display: none"></div>
<pre id="test"></pre>
<?xml version="1.0"?>
<!--
  /* Any copyright is dedicated to the Public Domain.
 * http://creativecommons.org/publicdomain/zero/1.0/
 */
-->

<?xml-stylesheet href="chrome://global/skin" type="text/css"?>
<?xml-stylesheet href="chrome://mochikit/content/tests/SimpleTest/test.css" type="text/css"?>

>window title="Update Wizard pages: update check, billboard, basic, license, and manual update (bug 548061)"
  xmlns="http://www.mozilla.org/keymaster/gatekeeper/there.is.only.xul"
onload="runTestDefault();">
<script type="application/javascript"
  src="chrome://mochikit/content/tests/SimpleTest/SimpleTest.js"/>
<script type="application/javascript"
  src="utils.js"/>

<script type="application/javascript">
<![CDATA[
const TESTS = [ { pageid: PAGEID_CHECKING }, { pageid: PAGEID_FOUND_BILLBOARD,
  extraDelayedCheckFunction: checkRemoteContentState,
  expectedRemoteContentState: "loading" }, { pageid: PAGEID_FOUND_BASIC,
  buttonClick: "next" }, { pageid: PAGEID_LICENSE,
  extraDelayedCheckFunction: checkRemoteContentState,
  expectedRemoteContentState: "loading" }, { pageid: PAGEID_MANUAL_UPDATE,
  buttonClick: "finish" } ];

function runTest() {
  debugDump("entering");

  let url = URL_HTTP_UPDATE_XML + "?billboard404=1&license404=1&showDetails=1" +
    getVersionParams();
  setUpdateURLOverride(url);

</script>
gUP.checkForUpdates();

]]>
</script>

<body xmlns="http://www.w3.org/1999/xhtml">
<p id="display"></p>
<div id="content" style="display: none"></div>
<pre id="test"></pre>
</body>
</window>
<?xml version="1.0"?>
<!--
/* Any copyright is dedicated to the Public Domain.
* http://creativecommons.org/publicdomain/zero/1.0/
*/
-->

<?xml-stylesheet href="chrome://global/skin" type="text/css"?>
<?xml-stylesheet href="chrome://mochikit/content/tests/SimpleTest/test.css" type="text/css"?>

>window title="Update Wizard pages: add-ons check, basic, license, add-ons list, download, and finished"
   xmlns="http://www.mozilla.org/keymaster/gatekeeper/there.is.only.xul"
   onload="runTestDefault();"/>
<script type="application/javascript"
   src="chrome://mochikit/content/tests/SimpleTest/SimpleTest.js"/>
<script type="application/javascript"
   src="utils.js"/>

<script type="application/javascript">
<![CDATA[

const TESTS = [ {
  pageid: PAGEID_INCOMPAT_CHECK
 }, {
  pageid: PAGEID_FOUND_BASIC,
  buttonClick: "next"
 }, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 1,
  extraDelayedCheckFunction: checkRemoteContentState,
  expectedRemoteContentState: "loading",
  extraDelayedFinishFunction: addRemoteContentLoadListener
 }, {
  pageid: PAGEID_LICENSE,
  extraStartFunction: waitForRemoteContentLoaded,
}];

</script>
expectedRemoteContentState: "loaded",
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 1,
extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
radioClick: "accept"
},
    { pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 0,
buttonClick: "next"
},
    { pageid: PAGEID_INCOMPAT_LIST,
extraDelayedCheckFunction: checkIncompatibleList,
buttonClick: "extra1"
},
    { pageid: PAGEID_LICENSE,
buttonClick: "extra1"
},
    { pageid: PAGEID_FOUND_BASIC,
buttonClick: "next"
},
    { pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 0,
extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
radioClick: "decline"
},
    { pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 1,
extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
radioClick: "accept"
},
    { pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 0,
buttonClick: "next"
},
    { pageid: PAGEID_INCOMPAT_LIST,
extraDelayedCheckFunction: checkIncompatibleList,
buttonClick: "next"
},
    { pageid: PAGEID_DOWNLOADING
},
    { pageid: PAGEID_FINISHED,
buttonClick: "extra1"
}];
function runTest() {
    debugDump("entering");

    let url = URL_HTTP_UPDATE_XML + "?showLicense=1&showDetails=1&showPrompt=1" +
        getVersionParams(getNewerAppVersion(), getNewerPlatformVersion());
    setUpdateURLOverride(url);
    gAUS.checkForBackgroundUpdates();
}
</script>

<body xmlns="http://www.w3.org/1999/xhtml">
<p id="display"></p>
<div id="content" style="display: none"></div>
<pre id="test"></pre>
</body>
</window>
<?xml version="1.0"?>
<!--
/* Any copyright is dedicated to the Public Domain.
 * http://creativecommons.org/publicdomain/zero/1.0/
 */
-->

<?xml-stylesheet href="chrome://global/skin" type="text/css"?>
<?xml-stylesheet href="chrome://mochikit/content/tests/SimpleTest/test.css" type="text/css"?>

<window title="Update Wizard pages: billboard, license, download, and finished" xmlns="http://www.mozilla.org/keymaster/gatekeeper/there.is.only.xul"
onload="runTestDefault();">"script type="application/javascript"
    src="chrome://mochikit/content/tests/SimpleTest/SimpleTest.js"/>
<script type="application/javascript"
    src="utils.js"/>

<script type="application/javascript">
<![CDATA[
const TESTS = [ {
    pageid: PAGEID_FOUND_BILLBOARD,
    extraDelayedCheckFunction: checkRemoteContentState,
    expectedRemoteContentState: "loading",
    extraDelayedFinishFunction: addRemoteContentLoadListener
}, {
    pageid: PAGEID_FOUND_BILLBOARD,
    extraStartFunction: waitForRemoteContentLoaded,

```
null)
    }

function runTest() {
  debugDump("entering");

  let url = URL_HTTP_UPDATE_XML + "+?showBillboard=1&showLicense=1" +
    "+showDetails=1&showPrompt=1" + getVersionParams();
  setUpdateURLOverride(url);
  gAUS.notify(null);
}

</script>

<body xmlns="http://www.w3.org/1999/xhtml">
  <p id="display"></p>
  <div id="content" style="display: none"></div>
  <pre id="test"></pre>
</body>

<?xml version="1.0"?>
<!--
/* Any copyright is dedicated to the Public Domain.
* http://creativecommons.org/publicdomain/zero/1.0/
*/
-->

<?xml-stylesheet href="chrome://global/skin" type="text/css"?>
<?xml-stylesheet href="chrome://mochikit/content/tests/SimpleTest/test.css" type="text/css"?>

<window title="Update Wizard pages: update check, add-ons check, basic, license, add-ons list, download, and finished" xmlns="http://www.mozilla.org/keymaster/gatekeeper/there.is.only.xul" onload="runTestDefault();">
  <script type="application/javascript" src="chrome://mochikit/content/tests/SimpleTest/SimpleTest.js"/>
  <script type="application/javascript" src="utils.js"/>

  <![CDATA[
    const TESTS = [ {
      pageid: PAGEID_CHECKING
    }, {
      pageid: PAGEID_INCOMPAT_CHECK
    }]
  ]]>
expectedRadioGroupSelectedIndex: 0,
buttonClick: "next"
},
pageid: PAGEID_INCOMPAT_LIST,
extraDelayedCheckFunction: checkIncompatibleList,
buttonClick: "next"
},
pageid: PAGEID_DOWNLOADING
},
pageid: PAGEID_FINISHED,
buttonClick: "extra1"
}
];

function runTest() {
  debugDump("entering");

  let url = URL_HTTP_UPDATE_XML + "+showLicense=1&showDetails=1" +
    getVersionParams(getNewerAppVersion(), getNewerPlatformVersion());
  setUpdateURLOverride(url);

  gUP.checkForUpdates();
}
]]>
</script>

<body xmlns="http://www.w3.org/1999/xhtml">
<p id="display"></p>
<div id="content" style="display: none"></div>
<pre id="test"></pre>
</body>
</window>
<?xml version="1.0"?>
<!--
/* Any copyright is dedicated to the Public Domain.
* http://creativecommons.org/publicdomain/zero/1.0/
*/
-->
const TESTS = [ {
    pageid: PAGEID_CHECKING
}, {
    pageid: PAGEID_FOUND_BASIC,
    buttonClick: "next"
}, {
    pageid: PAGEID_LICENSE,
    extraCheckFunction: checkRadioGroupSelectedIndex,
    expectedRadioGroupSelectedIndex: 1,
    extraDelayedCheckFunction: checkRemoteContentState,
    expectedRemoteContentState: "loading",
    extraDelayedFinishFunction: addRemoteContentLoadListener
}, {
    pageid: PAGEID_LICENSE,
    extraStartFunction: waitForRemoteContentLoaded,
    expectedRemoteContentState: "loaded",
    extraCheckFunction: checkRadioGroupSelectedIndex,
    expectedRadioGroupSelectedIndex: 1,
    extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
    radioClick: "accept"
}, {
    pageid: PAGEID_LICENSE,
    extraCheckFunction: checkRadioGroupSelectedIndex,
    expectedRadioGroupSelectedIndex: 0,
    buttonClick: "extra1"
}, {
    pageid: PAGEID_FOUND_BASIC,
    buttonClick: "next"
}, {
    pageid: PAGEID_LICENSE,
    extraCheckFunction: checkRadioGroupSelectedIndex,
    expectedRadioGroupSelectedIndex: 0,
    extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
    radioClick: "decline"
}, {
    pageid: PAGEID_LICENSE,
    extraCheckFunction: checkRadioGroupSelectedIndex,
    expectedRadioGroupSelectedIndex: 1,
    extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
    radioClick: "accept"
}, {
    pageid: PAGEID_LICENSE,
    extraCheckFunction: checkRadioGroupSelectedIndex,
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expectedRadioGroupSelectedIndex: 0,
buttonClick: "next"
}, {
pageid: PAGEID_DOWNLOADING
}, {
pageid: PAGEID_FINISHED,
buttonClick: "extra1"
} ];

function runTest() {
    debugDump("entering");

    let url = URL_HTTP_UPDATE_XML + "?showLicense=1&showDetails=1" +
        getVersionParams();
    setUpdateURLOverride(url);

    gUP.checkForUpdates();
    }

}
]]>
</script>

<body xmlns="http://www.w3.org/1999/xhtml">
<p id="display"></p>
<div id="content" style="display: none"></div>
<pre id="test"></pre>
</body>
</window>

<?xml version="1.0"?
<!--
/* Any copyright is dedicated to the Public Domain.
* http://creativecommons.org/publicdomain/zero/1.0/
*/
-->

<?xml-stylesheet href="chrome://global/skin" type="text/css"?>
<?xml-stylesheet href="chrome://mochikit/content/tests/SimpleTest/test.css" type="text/css"?>

<html

<title="Update Wizard pages: update check, add-ons check, basic, license, download, and finished"

xmlns="http://www.mozilla.org/keymaster/gatekeeper/there.is.only.xul"

onload="runTestDefault();"/>

<script type="application/javascript"

src="chrome://mochikit/content/tests/SimpleTest/SimpleTest.js"/>

<script type="application/javascript"

src="utils.js"/>

<script type="application/javascript">
<![CDATA[


const TESTS = [ {
  pageid: PAGEID_CHECKING
}, {
  pageid: PAGEID_INCOMPAT_CHECK
}, {
  pageid: PAGEID_FOUND_BASIC,
  buttonClick: "next"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 1,
  extraDelayedCheckFunction: checkRemoteContentState,
  expectedRemoteContentState: "loading",
  extraDelayedFinishFunction: addRemoteContentLoadListener
}, {
  pageid: PAGEID_LICENSE,
  extraStartFunction: waitForRemoteContentLoaded,
  expectedRemoteContentState: "loaded",
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 1,
  extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
  radioClick: "accept"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 0,
  buttonClick: "extra1"
}, {
  pageid: PAGEID_FOUND_BASIC,
  buttonClick: "next"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 0,
  extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
  radioClick: "decline"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 1,
  extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
  radioClick: "accept"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 0,
  buttonClick: "next"
function runTest() {
    debugDump("entering");

    let url = URL_HTTP_UPDATE_XML + "?showLicense=1&showDetails=1" +
    getVersionParams(getNewerAppVersion(), getNewerPlatformVersion());
    setUpdateURLOverride(url);

    gUP.checkForUpdates();
}

]]>
</script>

<body xmlns="http://www.w3.org/1999/xhtml">
<p id="display"></p>
<div id="content" style="display: none"></div>
<pre id="test"></pre>
</body>
</window>
const TESTS = [ {
  pageid: PAGEID_CHECKING
}, {
  pageid: PAGEID_INCOMPAT_CHECK
}, {
  pageid: PAGEID_FOUND_BILLBOARD,
  extraDelayedCheckFunction: checkRemoteContentState,
  expectedRemoteContentState: "loading",
  extraDelayedFinishFunction: addRemoteContentLoadListener
}, {
  pageid: PAGEID_FOUND_BILLBOARD,
  extraStartFunction: waitForRemoteContentLoaded,
  expectedRemoteContentState: "loaded",
  buttonClick: "next"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 1,
  extraDelayedCheckFunction: checkRemoteContentState,
  expectedRemoteContentState: "loading",
  extraDelayedFinishFunction: addRemoteContentLoadListener
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
  expectedRadioGroupSelectedIndex: 0,
  buttonClick: "next"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkIncompatibleList,
  buttonClick: "extra1"
}, {
  pageid: PAGEID_LICENSE,
  buttonClick: "extra1"
}, {
  pageid: PAGEID_FOUND_BILLBOARD,
  extraCheckFunction: checkRemoteContentState,
  expectedRemoteContentState: "loaded",
  buttonClick: "next"
<?xml version="1.0"?>
<!--
/* Any copyright is dedicated to the Public Domain.
* http://creativecommons.org/publicdomain/zero/1.0/
*/
-->

<?xml-stylesheet href="chrome://global/skin" type="text/css"?>
<?xml-stylesheet href="chrome://mochikit/content/tests/SimpleTest/test.css" type="text/css"?>

<window title="Update Wizard pages: update check, billboard, basic, license, and manual update (bug 548061)"
xmlns="http://www.mozilla.org/keymaster/gatekeeper/there.is.only.xul"
onload="runTestDefault();">
<script type="application/javascript"
src="chrome://mochikit/content/tests/SimpleTest/SimpleTest.js"/>
<script type="application/javascript"
src="utils.js"/>

<script type="application/javascript">
<![CDATA[
const TESTS = [
  {
    pageid: PAGEID_CHECKING,
  }, {
    pageid: PAGEID_FOUND_BILLBOARD,
    extraDelayedCheckFunction: checkRemoteContentState,
    expectedRemoteContentState: "loading"
  }, {
    pageid: PAGEID_FOUND_BASIC,
    buttonClick: "next"
  }, {
    pageid: PAGEID_LICENSE,
    extraDelayedCheckFunction: checkRemoteContentState,
    expectedRemoteContentState: "loading"
  }, {
    pageid: PAGEID_MANUAL_UPDATE,
    buttonClick: "finish"
  }];

function runTest() {
  debugDump("entering");

  let url = URL_HTTP_UPDATE_XML + "?showBillboard=1&showLicense=1" + 
            
            "&remoteNoTypeAttr=1&showDetails=1" + getVersionParams();
  setUpdateURLOverride(url);

  gUP.checkForUpdates();
}

</script>
</window>
const TESTS = [ {
  pageid: PAGEID_CHECKING
}, {
  pageid: PAGEID_INCOMPAT_CHECK
}, {
  pageid: PAGEID_FOUND_BILLBOARD,
  extraDelayedCheckFunction: checkRemoteContentState,
  expectedRemoteContentState: "loading",
  extraDelayedFinishFunction: addRemoteContentLoadListener
}, {
  pageid: PAGEID_FOUND_BILLBOARD,
  extraStartFunction: waitForRemoteContentLoaded,
  expectedRemoteContentState: "loaded",
  buttonClick: "next"
}, {
  pageid: PAGEID_LICENSE,
  extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 1,
extraDelayedCheckFunction: checkRemoteContentState,
expectedRemoteContentState: "loading",
extraDelayedFinishFunction: addRemoteContentLoadListener
}
pageid: PAGEID_LICENSE,
extraStartFunction: waitForRemoteContentLoaded,
expectedRemoteContentState: "loaded",
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 1,
extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
radioClick: "accept"
},
pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 0,
buttonClick: "extra1"
},
pageid: PAGEID_FOUND_BILLBOARD,
extraCheckFunction: checkRemoteContentState,
expectedRemoteContentState: "loaded",
buttonClick: "next"
},
pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 0,
extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
radioClick: "decline"
},
pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 1,
extraDelayedFinishFunction: addRadioGroupSelectListenerAndClick,
radioClick: "accept"
},
pageid: PAGEID_LICENSE,
extraCheckFunction: checkRadioGroupSelectedIndex,
expectedRadioGroupSelectedIndex: 0,
buttonClick: "next"
},
pageid: PAGEID_DOWNLOADING
},
pageid: PAGEID_FINISHED,
buttonClick: "extra1"
}

}:

gDisableNoUpdateAddon = true;
function runTest() {
    debugDump("entering");

    let url = URL_HTTP_UPDATE_XML + "?showBillboard=1&showLicense=1&showDetails=1" +
    getVersionParams(getNewerAppVersion(), getNewerPlatformVersion());
    setUpdateURLOverride(url);

    gUP.checkForUpdates();
}

</script>

<body xmlns="http://www.w3.org/1999/xhtml">
<p id="display"></p>
<div id="content" style="display: none"></div>
<pre id="test"></pre>
</body>
</window>

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Upstream Author: opensource@google.com

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bsd

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.
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Version 2.1, February 1999

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@end enumerate

@ifex
@heading END OF TERMS AND CONDITIONS
@end iftex
@ifinfo
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@page
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That's all there is to it!
1.35 gcc-4.8 4.8.4 :2ubuntu1~14.04.3

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That's all there is to it!
This is an attempt to acknowledge early contributions to the garbage
collector. Later contributions should instead be mentioned in
README.changes.

HISTORY -

Early versions of this collector were developed as a part of research
projects supported in part by the National Science Foundation
and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for
the Russell programming language implementation. The first version of the
garbage collector was written primarily by Al Demers. It was then refined
and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U.,
the University of Washington, Rice University (where it was first used for
C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant
contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in
README.changes. My apologies for any omissions.
The SPARC specific code was originally contributed by Mark Weiser.
The Encore Multimax modifications were supplied by
Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely
due to Vernon Lee, on machines made available to Rice by IBM.
Much of the HP specific code and a number of good suggestions for improving the
generic code are due to Walter Underwood.
Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.
AI Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk)
subsequently provided updates and information on variation between ULTRIX
systems. Parag Patel (parag@media.com) supplied the A/UX code.
Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and
Martin Tauchmann (martintauuchmann@bigfoot.com) supplied the Amiga port.
Thomas Funke (thf@zelator.in-berlin.de(?)) and
Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.
Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.
Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader
specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and
Sony News specific code. AI Dosser provided Alpha/OSF/1 code. He and
Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.
Alistair G. Crooks(age@uts.amdahl.com) supplied the NetBSD and 386BSD ports.
Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.
Brent Benson (brent@ise.ssd.csd.harris.com) ported the collector to
a Motorola 88K processor running CX/UX (Harris NightHawk).
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to
nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the
code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the experimentation that led to the
current typed allocation facility. (His dynamic type inference code hasn't
made it into the released version of the collector, yet.)
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# These lines make the symbols to get a @@GCC_4.6.0.

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   _addtf3
   __copysignf3
   __divc3
   __divf3
   __eqtf2
   __extenddftf2
   __extendsftf2
   __extendxftf2
   __fabstf2
   __fixtdi
   __fixtfsi
   __fixtfi
   __fixunstfidi
   __fixunstfsi
   __fixunstfti
   __floatdiftf
   __floatsiftf
   __floattiftf
   __floatundiftf
   __floatunstfif
   __floatunstiftf
   __getf2
   __gttf2
   __letf2
   __ltf2
   __multc3
   __multf3
   __negtf2
   __netf2
   __powitf2
   __subtf3
   __trunctdfdf2
   __trunctfsf2
   __trunctxf2
   __unordtf2
}

GCC_4.6.0 {
   __addtf3
   %ifndef __x86_64__

   %endif
   %endif
GCC_4.8.0 {
__cpu_model
__cpu_indicator_init
}

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* m4/ax_func_which_gethostbyname_r.m4

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -
Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiae.mitia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlef(s(detlfs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(ace@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.ssd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).

Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the
current typed allocation facility. (His dynamic type inference code hasn't
made it into the released version of the collector, yet.)
@ignore
@c Set file name and title for man page.
@setfilename gpl
@settitle GNU General Public License
@c man begin SEEALSO
gfdl(7), fsf-funding(7).
@c man end
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@c man end
@end ignore
@c This file is intended to be included in another file.

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@end iftex
@end heading
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@end iftex
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@page
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1.37 gccgo 4.9.3 :0ubuntu4

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HISTORY -

Early versions of this collector were developed as a part of research
projects supported in part by the National Science Foundation
and the Defense Advance Research Projects Agency.
The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson (jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D. Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied Linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs (detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks (agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn’t made it into the released version of the collector, yet.)
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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 "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

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

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

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

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

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

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

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

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

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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.)

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

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@c Set file name and title for man page.
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@settitle GNU General Public License
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@c man end
@c man begin COPYRIGHT
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@c man end
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@unnumbered GNU General Public License
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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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@item
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@item
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@end enumerate

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Version 3.1, 31 March 2009

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@end enumerate

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@enumerate a
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@end enumerate

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It was downloaded from <http://ftp.gnome.org/pub/GNOME/sources/glib/>.

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

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

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

The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The
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Note that it is possible for a library to be covered by the ordinary
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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.

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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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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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6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.
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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.
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c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

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```
Gnomovision version 69, Copyright (C) year name of author
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```

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

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

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

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This package was debianized by Ondej Sur <ondrej@debian.org> on Tue, 23 Mar 2004 12:21:43 +0100.

It was downloaded from http://ftp.gnome.org/pub/GNOME/sources/gnome-keyring/

Upstream Authors: Alexander Larsson <alexl@redhat.com>
Stef Walter <stef@memberwebs.com>

Files: common/*
   daemon/gkr-daemon-util/*
   daemon/ui/*
   egg/*
   gp11/*
   library/*
   pam/*
   pkcs11/*
   pkcs11/roots-store/gck-roots-standalone/*
   pkcs11/rpc-layer/*
pkcs11/ssh-store/gck-ssh-standalone.*
pkcs11/user-store/gck-user-standalone.*
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daemon/ui/gkr-ask-tool-widgets.*
daemon/ui/gkr-ask-tool.*
pkcs11/ssh-agent/*

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

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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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lib/gd/gdxpm.c
Caolan.McNamara@ul.ie http://www.csn.ul.ie/~caolan

lib/gd/gd_gif_out.c header
Based on GIFENCOD by David Rowley <mgardi@watdscu.waterloo.edu>
Modified by Marcel Wijkstra <wijkstra@fwi.uva.nl>

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lib/gd/gd_security.c
Written 2004, Phil Knirsch.
Based on netpbm fixes by Alan Cox.

lib/gd/jisx0208.h
This file was derived from "src/VF_Ftype.c" in VFlib2-2.24.2 by Dr. Kakugawa

tclpkg/gv/demo/modgraph.py
author: Michael Hohn <mhhohn@lbl.gov>
based on: modgraph.tcl by John Ellson <ellson@research.att.com>

tclpkg/gv/demo/modgraph.rb
based on: modgraph.tcl by: John Ellson <ellson@research.att.com>
The Debian packaging was started by Stephen M Moraco <stephen@debian.org> and then was taken over in late 2006 by Cyril Brulebois, placing his work under the same terms as graphviz itself.

2006-2009, Cyril Brulebois <cyril.brulebois@enst-bretagne.fr>

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It was downloaded from http://www.graphviz.org/

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2006-2008, Cyril Brulebois <cyril.brulebois@enst-bretagne.fr>

1.49 gsasl 1.8.0 :2ubuntu2
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This package was debianized by Yvan Bassuel <yvan@brutux.org> on Thu, 16 Mar 2006 10:27:26 +0100.

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This Guile Manual was written by Mark Galassi, Jim Blandy and Gary Houston.

Guile was developed over many years by the following people:

@table @strong
@item George Carrette

@item Aubrey Jaffer
Wrote substantial portions of guile.texi, and surely others.
Changes to: eval.c, ioeext.c, posix.c, gscm.c, scm.h, socket.c, gsubr.c, sys.c, test.scm, stime.c, and unif.c.

@item Gary Houston
changes to many files in libguile.

wrote: libguile/socket.c, ice-9/expect.scm

@item Tom Lord
Many changes throughout.
In the subdirectory ctax, wrote:
  Makefile.in  configure.in  hashtabs.scm  macros.scm  scm-ops.scm
  c-ops.scm  grammar.scm  lexer.scm  reader.scm
In the subdirectory gtcltk-lib, wrote:
  Makefile.in  guile-tcl.c  guile-tk.c
  configure.in  guile-tcl.h  guile-tk.h
In the subdirectory guile, wrote:
  Makefile.in  getopt.c  getopt1.c
  configure.in  getopt.h  guile.c
In the subdirectory ice-9, wrote:
  Makefile.in  configure.in  lineio.scm  poe.scm
  boot-9.scm  hcons.scm  mapping.scm
In the subdirectory lang, wrote:
  Makefile.in  grammar.scm  lr0.scm  pp.scm
  configure.in  lex.scm  lr1.scm
In the subdirectory rx, wrote:
  Makefile.in  runtests.c  rxbitset.h  rxnfa.c  rxspencer.c
  TESTS2C.sed  rx.h  rxcontext.h  rxnfa.h  rxspencer.h
  rx.h  rxall.h  rxcset.h  rxnode.h  rxstr.h
  configure.in  rxanal.c  rxdbug.c  rxposix.c  rxsuper.c
  hashreq.c  rxanal.h  rxgnucomp.c  rxposix.h  rxsuper.h
  inst-rxposix.h  rxbasic.c  rxgnucomp.h  rxproto.h  rxunfa.c
  rgx.c  rxbasic.h  rxhash.c  rxsimp.c  rxunfa.h
  rgx.h  rxbitset.c  rxhash.h  rxsimp.h  testcases.h
In the subdirectory doc, wrote:
  ctax.texi  gtcltk.texi  in.texi  lang.texi
and portions of guile.texi.

@item Anthony Green
wrote the original code in the 'threads' directory, and ice-9/threads.scm.

@item Mikael Djurfeldt
In the subdirectory libguile, wrote:
@example
backtrace.c debug.c options.c root.c srcprop.c stacks.c
backtrace.h debug.h options.h root.h srcprop.h stacks.h
@end example
In the subdirectory threads, rewrote:
coop-threads.c coop.c mit-pthreads.c threads.c
coop-threads.h fsu-pthreads.h mit-pthreads.h threads.h
Many other changes throughout.
@end example

@item Mark Galassi
@example
Designed and implemented the high-level libguile API (the @code{gh_} interface), based largely on the defunct @code{gscm_} interface. In the subdirectory gh, wrote:
gh.c gh_eval.c gh_io.c gh_test.c.c
gh.h gh_funcs.c gh_list.c gh_test_repl.c
gh_data.c gh_init.c gh_predicates.c
@end example

@end table

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1.51 guile-2.0 2.0.9 :1ubuntu1

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)
Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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kdc/announce.c

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Network Working Group    H. Krawczyk
Request for Comments: 2104 IBM
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1.61 iputils 3:20121221-4ubuntu1.1

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* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5ccf2bb5b6.

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>

vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in “src/lib/gssapi”, including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnegomech.c

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    kadmin/server/ipropd_svc.c
    lib/kdb/iprop.x
    lib/kdb/kdb_convert.c
    lib/kdb/kdb_log.c
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lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
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lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
and the initial implementation of incremental propagation, including
the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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1.70 langpack-locales 2.13+git20120306-12.1

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1.73 libalgorithm-diff-perl 1.19.02 :3

1.74 libalgorithm-diff-xs-perl 0.04 :2build3

1.75 libalgorithm-merge-perl 0.08 :2

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Maintainer: James G. Smith <jsmith@cpan.org>
Source: http://search.cpan.org/dist/Algorithm-Merge/
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#
# Based on my original Error.pm, and Exceptions.pm by Peter Seibel
# <peter@weblogic.com> and adapted by Jesse Glick <jglick@sig.bsh.com>.
#
# but modified ***significantly***

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src/Makefile.am, src/secmem.c, mpi/hppa1.1/mpih-mul3.S,
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mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,
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The ECC code cipher/ecc.c was based on code by Sergi Blanch i Torne, sergi at calcurco dot org.

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mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

LIBGCRYPT Brad Hards 2006-02-09
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include/netlink/netfilter/queue_msg.h
lib/netfilter/queue_msg_obj.c
lib/netfilter/queue_msg.c
lib/netfilter/queue.c
lib/netfilter/netfilter.c
lib/netfilter/queue_obj.c
include/netlink/netfilter/netfilter.h
include/netlink/netfilter/queue.h
src/nf-queue.c

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

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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
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application. Therefore, Subsection 2d requires that any
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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.

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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 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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(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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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.

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

That's all there is to it!
/* 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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for the initial saa7146 driver and its recent overhaul

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

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for the nxt2004 frontend driver

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

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That's all there is to it!
/* 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_nicstart() 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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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 want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

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
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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
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such a program is covered only if its contents constitute a work based
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writing it). Whether that is true depends on what the Library does
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   a) The modified work must itself be a software library.

   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.

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

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

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

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

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

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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".)

"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
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    d) If a facility in the modified Library refers to a function or a
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        in the event an application does not supply such function or
        table, the facility still operates, and performs whatever part of
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    (For example, a function in a library to compute square roots has
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application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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1.107 lua5.1 5.1.5 :8ubuntu1

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1.109 lzo2 2.06 :1.2ubuntu1.1

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Written by:  Philip Hazel
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[ -d src ] || [ "`basename "$dir"`" != tools ] || cd ..
# Note: if paragraphs are reformatted, this may need to be updated.
lgpl="`sed -n '/version [0-9.]* or any later version/ {
s/.*version //
s/ or.*//
p
q
}' doc/mpfr.texi`"
# Do not use "find ... | while read file do ... done" because the "do"
# part needs to be run in the current shell, and some shells behave in
# a different way.
srctests=`find src tests -name '*.[ch]'`
err=0
for file in $srctests
do
y=""
case $file in
tests/RRTest.c)
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mysql-test/include/have_perfschema.inc
mysql-test/lib/mtr_cases.pm
mysql-test/lib/mtr_gcov.pl
mysql-test/lib/mtr_gprof.pl
mysql-test/lib/mtr_io.pl
mysql-test/lib/mtr_match.pm
mysql-test/lib/mtr_misc.pl
mysql-test/lib/mtr_process.pl
mysql-test/lib/mtr_report.pm
mysql-test/lib/mtr_results.pm
mysql-test/lib/mtr_stress.pl
mysql-test/lib/My/Config.pm
mysql-test/lib/My/ComDump.pm
mysql-test/lib/My/File/*
support-files/MacOSX/Info.plist.sh
support-files/MacOSX/StartupParameters.plist.sh
support-files/MySQL-shared-compat.spec.sh
support-files/mysql.spec.sh
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scripts/mysql_setpermission.sh
sql-bench/*
storage/myisam/ftbench/ft-test-run.sh
storage/myisam/mi_test_all.sh
storage/ndb/test/run-test/atrt-*
storage/ndb/test/run-test/make-config.sh
storage/ndb/test/run-test/make-html-reports.sh
storage/ndb/test/run-test/make-index.sh
storage/ndb/test/run-test/ndb-autotest.sh
strings/strxmov.c
strings/strxnmov.c
strings/ctype-uca.c
strings/ctype-ucs2.c
strings/strend.c
strings/ctype-utf8.c
support-files/MacOSX/postflight.sh
support-files/MacOSX/preflight.sh
mysql-test/lib/My/SafeProcess.pm
mysql-test/lib/My/ConfigFactory.pm
mysql-test/lib/mtr_mis c.pl
mysql-test/mysql-stress-test.pl
BUILD/* .sh
BUILD/compile-amd64-debug-max-no-ndb
BUILD/compile-solaris-amd64
BUILD/compile-amd64-valgrind-max
BUILD/compile-pentium64-max
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scripts/mysqlhotcopy.sh
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support-files/my-innodb-heavy-4G.cnf.sh
support-files/my-large.cnf.sh
support-files/my-medium.cnf.sh
support-files/my-small.cnf.sh
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cmake/*
dbug/dbug_add_tags.pl
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lhibmysqld/*
lhibservices/*
mysql-test/include/have_perfschema.inc
mysql-test/lib/mtr_cases.pm
mysql-test/lib/mtr_gcov.pl
mysql-test/lib/mtr_gprof.pl
mysql-test/lib/mtr_io.pl
mysql-test/lib/mtr_match.pm
mysql-test/lib/mtr_misc.pm
mysql-test/lib/mtr_process.pl
mysql-test/lib/mtr_report.pm
mysql-test/lib/mtr_results.pm
mysql-test/lib/mtr_stress.pl
mysql-test/lib/mtr_unique.pm
mysql-test/lib/My/Config.pm
mysql-test/lib/My/CoreDump.pm
mysql-test/lib/My/File/*
mysql-test/lib/My/Find.pm
mysql-test/lib/My/Handles.pm
mysql-test/lib/My/Options.pm
mysql-test/lib/My/Platform.pm
mysql-test/lib/My/SafeProcess/Base.pm
mysql-test/lib/My/SafeProcess/safe_kill_win.cc
mysql-test/lib/My/SafeProcess/safe_process.cc
mysql-test/lib/My/SafeProcess/safe_process.pl
mysql-test/lib/My/SafeProcess/safe_process_win.cc
mysql-test/lib/My/SysInfo.pm
mysql-test/lib/My/Test.pm
mysql-test/lib/1/*
mysql-test/lib/v1/mtr_cases.pl
mysql-test/lib/v1/mtr_gcov.pl
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mysql-test/lib/v1/mtr_unique.pl
mysql-test/lib/v1/My/*
mysql-test/lib/v1/mysql-test-run.pl
mysql-test/mysql-stress-test.pl
mysql-test/mysql-test-run.pl
mysql-test/std_data/*
mysql-test/suite/perfschema/include/*
mysql-test/suite/perfschema_stress/include/*
mysys/*
packaging/WiX/ca/*
plugin/audit_null/*
plugin/auth/*
plugin/daemon_example/*
plugin/fulltext/*
plugin/semisync/semisync_slave.cc
plugin/semisync/semisync_slave.h
scripts/*
sql/*
sql-common/*
storage/*
strings/*
support-files/config.huge.ini.sh
support-files/config.medium.ini.sh
support-files/config.small.ini.sh
support-files/MacOSX/Description.plist.sh
support-files/MacOSX/Info.plist.sh
support-files/MacOSX/StartupParameters.plist.sh
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storage/myisam/mi_test_all.sh
storage/ndb/test/run-test/atrt- *
storage/ndb/test/run-test/make-config.sh
storage/ndb/test/run-test/make-html-reports.sh
storage/ndb/test/run-test/make-index.sh
storage/ndb/test/run-test/ndb-autotest.sh
strings/strxmov.c
strings/strxnmov.c
strings/ctype- uca.c
strings/ctype-ucs2.c
strings/strend.c
strings/ctype-utf8.c
support-files/MacOSX/postflight.sh
support-files/MacOSX/preflight.sh
mysql-test/lib/My/SafeProcess.pm
mysql-test/lib/My/ConfigFactory.pm
mysql-test/lib/mtr_misc.pl
mysql-test/mysql-stress-test.pl
BUILD/*sh
BUILD/compile-amd64-debug-max-no-ndb
BUILD/compile-solaris-amd64
BUILD/compile-amd64-valgrind-max
BUILD/compile-pentium64-max
BUILD/compile-pentium64
BUILD/compile-pentium-valgrind-max-no-ndb
scripts/mysqlhotcopy.sh
scripts/mysqld_multi.sh
mysql-test/lib/mtr_misc.pl
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See Also

* The original blog post (<http://agentzh.blogspot.com/2009/10/hacking-on-nginx-echo-module.html>) about this module's initial development.

* The standard [filter module (HttpAdditionModule)].

* The standard [module (HttpProxyModule)].

* The ngx_openresty (<http://openresty.org>) bundle.

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51. Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

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54. [58] Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock driver
55. [59] Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
56. [60] Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

References
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45. [49] Wilfredo Sanchez <wsanchez@apple.com> added support for NetInfo
46. [50] Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
47. [51] Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
48. [52] Ray Schnitzler <schnitz@unixpress.com> Unixware1 port
49. [53] Michael Shields <shields@tembel.org> USNO clock driver
50. [54] Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
51. [55] Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
52. [56] Kenneth Stone <ken@sdd.hp.com> HP-UX port
53. [57] Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast support
54. [58] Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock driver
55. [59] Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
56. [60] Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

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-------------------------------------------------------------------------

1.130 pango 1.36.3 :1ubuntu1.1

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1.131 paramiko 1.15.1 :1

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

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

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

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

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

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

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

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

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

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1.132 paramiko 1.10.1 :1git1build1

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These requirements apply to the modified work as a whole. If
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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.

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a) Accompany the work with the complete corresponding
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Julian Seward, jseward@bzip.org
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#!/usr/bin/perl -w
use strict;
use Test::More tests => 8;

my $upstream_version;
ok(open(P, "dpkg-parsechangelog "), "successfully piping from dpkg-parsechangelog");
while (<P>) {  
  /^Version: (.+)-[^-]+$/ or next;
  $upstream_version = $1;
  last;
}  

isnt($upstream_version, "", "found upstream version from dpkg-parsechangelog output");
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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\u'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
use strict;
use lib 't/lib';
use MBTest;
use DistGen;

plan 'no_plan';

# Ensure any Module::Build modules are loaded from correct directory
blib_load('Module::Build');

#---------------------------------------------------------------#
# Create test distribution
#---------------------------------------------------------------#

{ my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'perl'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'perl',
    "license 'perl' is valid"
);

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'perl', "META license will be 'perl'" );
is( $meta->{resources}->{license}, "http://dev.perl.org/licenses/",
    "META license URL is correct"
);

}

{
    my $dist = DistGen->new(
        name => 'Simple::Name',
        version => '0.01',
        license => 'VaporWare'
    );

    $dist->regen;
    $dist->chdir_in;

    my $mb = $dist->new_from_context();
    isa_ok( $mb, "Module::Build" );
is( $mb->license, 'VaporWare',
    "license 'VaporWare' is valid"
);

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'unrestricted', "META license will be 'unrestricted"");
is( $meta->{resources}{license}, "http://example.com/vaporware/",
    "META license URL is correct"
);

}  

# Test with alpha number
# vim:ts=2:sw=2:et:sta:sts=2
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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.

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

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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.

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- Tres Seaver, 2011/02/22
- Joel Bohman, 2011/08/16
- Julien Tayon, 2012/07/04

1.154 python-support 1.0.15

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1.155 python-textile 1:2.1.5 :1build1

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1.156 python-webob 1.3.1 :1~cloud1

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A. HISTORY OF THE SOFTWARE

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

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

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

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<th>Year</th>
<th>Owner</th>
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enc/koi8_u.c  
enc/shift_jis.c  
enc/unicode.c  
enc/us_ascii.c  
enc/utf_16be.c  
enc/utf_16le.c  
enc/utf_32be.c  
enc/utf_32le.c  
enc/utf_8.c  
enc/windows_1251.c

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http://www.geocities.jp/kosako3/oniguruma/  
http://www.ruby-lang.org/cgi-bin/cvsweb.cgi/oniguruma/  
http://www.freebsd.org/cgi/cvsweb.cgi/ports/devel/oniguruma/

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A C-program for MT19937, with initialization improved 2002/2/10.
Coded by Takuji Nishimura and Makoto Matsumoto.
This is a faster version by taking Shawn Cokus's optimization,
Matthe Bellew's simplification, Isaku Wada's real version.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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1.167 schroot 1.6.8 :1ubuntu1.1

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Alan Beale <biljir@pobox.com> also deserves special credit as he has, in addition to providing the 12Dicts package and being a major contributor to the ENABLE word list, given me an incredible amount of feedback and created a number of special lists (those found in the Supplement) in order to help improve the overall quality of SCOWL.

The 10 level includes the 1000 most common English words (according to the Moby (TM) Words II [MWords] package), a subset of the 1000 most common words on the Internet (again, according to Moby Words II), and frequently class 16 from Brian Kelk's "UK English Wordlist with Frequency Classification".
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3449 Martha Ct.
Arcata, CA  95521-4884

grady@netcom.com
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Date: Sat, 08 Jul 2000 20:27:21 +0100
From: Brian Kelk <Brian.Kelk@cl.cam.ac.uk>

> I was wondering what the copyright status of your "UK English Wordlist With Frequency Classification" word list as it seems to be lacking any copyright notice.

There were many many sources in total, but any text marked "copyright" was avoided. Locally-written documentation was one source. An earlier version of the list resided in a filespace called PUBLIC on the University mainframe, because it was considered public domain.

Date: Tue, 11 Jul 2000 19:31:34 +0100

> So are you saying your word list is also in the public domain?

That is the intention.

The 20 level includes frequency classes 7-15 from Brian's word list.

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The name files form the Census report is a government document which I
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dictionaries as indicated by the 12Dicts package.

The 70 level includes Brian's frequency class 0 and the 74,550 common
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Accent information was taken from UKACD.

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---

size: 4456448, sector size: 512, PT: bsd, offset: 512

---

size: 8388608, sector size: 512, PT: dos, offset: 446

---
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1.194 vim-addon-manager 0.5.3

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1.195 vim-scripts 20130814ubuntu1

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1.196 xfsprogs 3.1.9ubuntu2

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1.197 xmlsec1 1.2.18 :2ubuntu1

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This package was debianized by John V. Belmonte <jbelmonte@debian.org> on
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xmlsec, xmlsec-openssl, xmlsec-gnutls, xmlsec-gcrypt libraries

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xmlsec-nss library

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xmlsec-mscrypto library

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* AOL
http://www.aleksey.com/pipermail/xmlsec/attachments/20030729/0e25648e/attachment.htm

* Cordys R&D BV

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1.198 xorg 7.7 :1ubuntu8
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Source Package: xorg
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