Open Source Used In Cisco TelePresence Video Communication Server X8.7.3

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* 605 E. Springfield, Champaign, IL 61820
*/
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   =============  
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
Mike Belshe (mbelshe@netscape.com)
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<link href="./style/css/manual-print.css" rel="stylesheet" media="print" type="text/css" /><link rel="stylesheet" type="text/css" href="./style/css/prettify.css" />
<script src="./style/scripts/prettify.min.js" type="text/javascript"></script>
<link href="./images/favicon.ico" rel="shortcut icon" />
<body id="manual-page" class="no-sidebar"><div id="page-header">
<p class="apache">Apache HTTP Server Version 2.4</p>
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/******************************************************************************
*
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* httpd@ncsa.uiuc.edu
*
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
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Michael Campanella (campanella@stevms.enet.dec.com)

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

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

* atf-c/ui.c: The format_paragraph and format_text functions were derived form the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cfff2bb5b6.

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.

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vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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1.9 binutils 2.25.1
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c) If distribution of the work is made by offering access to copy
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you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)


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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,
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+---------------------------------------------+
| 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 m6801[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 |
Open Source Used In Cisco TelePresence Video Communication Server X8.7.3

(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 display

@appendixsubsec Preamble

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

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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@item
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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.)
@end enumerate

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

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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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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
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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.

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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@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.

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

@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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Julian Seward, Cambridge, UK.
jseward@acm.org
bzip2/libbzip2 version 1.0.2 of 30 December 2001

/*
   minibz2
   libbz2.dll test program.
usage: minibz2 [-d] [-{1,2,..9}] [[srcfilename] destfilename]
*
%%CreationDate: Wed Dec 22 1999
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That's all there is to it!
1.17 coreutils 8.24

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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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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.

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END OF TERMS AND CONDITIONS

^L

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

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Lesser General Public License for more details.

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

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

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

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

That's all there is to it!

----------
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
> -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 their applications are also GPL-2 which imo is just wrong. it isnt 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: 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.

-- 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
>=20
> 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 didnt notice the
> license
> change until it was mentioned in the latest notes.
>=20
> unlike the old license, GPL-2 prevents people from using cracklib
> unless their
> applications are also GPL-2 which imo is just wrong. it isnt the
> place of a
> 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: 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.

Open Source Used In Cisco TelePresence Video Communication Server X8.7.3
249
> 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
>> 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?
>
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
On Sunday 05 October 2008, Alec Muffett wrote:
> >> 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?
> 
> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...
-mike

--------
BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
--------

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.

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 (131.151.1.43) by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47]) by 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, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helol=[192.168.1.3])
    by rutherford.zen.co.uk with esmtp (Exim 4.50)
    id 1lCoC5-X004Qt-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=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBEFEB6E9F@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]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length: 585
Lines: 21
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

1.19 curl and libcurl 7.44.0 :7.44.0
1.19.1 Available under license :

License Mixing with apps, libcurl and Third Party Libraries
=================================================================================================

libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

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libssh2 http://www.libssh2.org/
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1.20 cyrus-sasl 2.1.25

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

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

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

image::$(BSD_LIB)

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

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

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

clean::
$ (RM) -rf pic
$ (RM) -f $(BSD_LIB)
$ (RM) -f ../$(BSD_LIB)
 Index: tdbsa/tdb.c

===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@
 Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
 */
 /*
-Unix SMB/CIFS implementation.
+trivial database library - standalone version

- trivial database library - private includes
-
- Copyright (C) Andrew Tridgell  2005
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+ Copyright (C) Jeremy Allison  2000-2006
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 ** NOTE! The following LGPL license applies to the tdb
 ** library. This does NOT imply that all of Samba is released
 #!/bin/sh

 find . -type f ! -name 
 -exec grep -q Begin-Header \(\) \; -print 
| grep -v build

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Follows the GNU license.

Gadi Oxman, August 1995

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Theodore Ts'o
23-June-2007

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

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

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1.38 gawk 4.1.3

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

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

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

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

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1.39 gcc 4.9.2
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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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OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
This is an attempt to acknowledge early contributions to the garbage
collector. Later contributions should instead be mentioned in
README.changes.

HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser.
The Encore Multimax modifications were supplied by
Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely
due to Vernon Lee, on machines made available to Rice by IBM.
Much of the HP specific code and a number of good suggestions for improving the
generic code are due to Walter Underwood.
Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.
Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk)
subsequently provided updates and information on variation between ULTRIX
systems. Parag Patel (parag@netcom.com) supplied the A/UX code.
Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and
Martin Tauchmann (martintauoehmann@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(acg@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.)

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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When you use GCC to compile a program, GCC may combine portions of certain GCC header files and runtime libraries with the compiled program. The purpose of this Exception is to allow compilation of non-GPL (including proprietary) programs to use, in this way, the header files and runtime libraries covered by this Exception.

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"Target Code" refers to output from any compiler for a real or virtual target processor architecture, in executable form or suitable for input to an assembler, loader, linker and/or execution phase. Notwithstanding that, Target Code does not include data in any format that is used as a compiler intermediate representation, or used for producing a compiler intermediate representation.

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

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

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

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

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.
When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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

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

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

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

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

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

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

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

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

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

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

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

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

8. You may not copy, modify, sublicense, link with, or distribute
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If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

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

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DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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

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

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

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

Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James Random Hacker.
That's all there is to it!

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Version 3, 29 June 2007

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of this license document, but changing it is not allowed.

This version of the GNU Lesser General Public License incorporates
the terms and conditions of version 3 of the GNU General Public
License, supplemented by the additional permissions listed below.

0. Additional Definitions.

As used herein, "this License" refers to version 3 of the GNU Lesser
General Public License, and the "GNU GPL" refers to version 3 of the GNU
General Public License.

"The Library" refers to a covered work governed by this License,
other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided
by the Library, but which is not otherwise based on the Library.
Defining a subclass of a class defined by the Library is deemed a mode
of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an
Application with the Library. The particular version of the Library
with which the Combined Work was made is also called the "Linked
Version".

The "Minimal Corresponding Source" for a Combined Work means the
Corresponding Source for the Combined Work, excluding any source code
for portions of the Combined Work that, considered in isolation, are
based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the
object code and/or source code for the Application, including any data
and utility programs needed for reproducing the Combined Work from the
Application, but excluding the System Libraries of the Combined Work.

1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License
2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or

b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.


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:

a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the object code with a copy of the GNU GPL and this license document.


You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the Combined Work with a copy of the GNU GPL and this license document.
c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.

d) Do one of the following:

0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at runtime a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)


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 that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

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

6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

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

Preamble

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 Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.
When we speak of free software, we are referring to freedom, 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 or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the 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 a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we 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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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.
You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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

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

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

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

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

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

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

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

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If such an object file uses only numerical parameters, data
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Also add information on how to contact you by electronic and paper mail.

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<signature of Ty Coon>, 1 April 1989
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1.41 gettext 0.19.6

1.41.1 Available under license:

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```
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specified materials from the same place.

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Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
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components (compiler, kernel, and so on) of the operating system on
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

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

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

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

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

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

Otherwise, if the work is a derivative of the Library, you may
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:

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

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

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1.42 glib 2.44.1
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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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

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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
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source code from the same place satisfies the requirement to
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5. A program that contains no derivative of any portion of the
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Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
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Whether this is true is especially significant if the work can be
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If such an object file uses only numerical parameters, data
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work. (Executables containing this object code plus portions of the
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Otherwise, if the work is a derivative of the Library, you may
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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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/******************************************************************************
 * Perl-Compatible Regular Expressions *
  ******************************************************************************/

/* PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language. */

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# Run this script with the first argument being the location of
# gnulib's update-copyright script. Any other arguments are ignored.
# FSF copyright notices in the glibc source directory containing this
# script will be updated; glibc must then be built to update generated
# files. Copyright dates in --version copyright notices are not
# updated.
set -e
export LC_ALL=C
export UPDATE_COPYRIGHT_FORCE=1
export UPDATE_COPYRIGHT_USE_INTERVALS=2
export UPDATE_COPYRIGHT_MAX_LINE_LENGTH=79
update_script=$1
if ! [ -f "$update_script" ]; then
echo "error: first argument must point to gnulib update-copyright script" >&2
exit 1
fi
cd "$(dirname "$0")/.."
files=$(find . -type f | sed 's|^\./||' | grep -v '^\.git/')
for f in $files; do
case $f in
COPYING | COPYING.LIB | manual/fdl-1.3.texi | manual/lgpl-2.1.texi)
# Licenses imported verbatim from FSF sources.
;;
manual/texinfo.tex | scripts/config.guess | scripts/config.sub \
| scripts/install-sh | scripts/mkinstalldirs | scripts/move-if-change)
# Other files imported verbatim from other GNU repositories.
;;
po/*.po)
# Files imported verbatim from the Translation Project.
;;
INSTALL | intl/plural.c | locale/C-translit.h \
| locale/programs/charmap-kw.h | locale/programs/locfile-kw.h \
| po/libc.pot | sysdeps/gnu/errlist.c)
# Generated files.

Open Source Used In Cisco TelePresence Video Communication Server X8.7.3
834


configure | */configure | preconfigure | */preconfigure)
# Possibly generated files.
if ! [ -f "$f.ac" ]; then
"$update_script" "$f"
fi

grp/initgroups.c | misc/bits/stab.def | posix/regex.h \ 
| sysdeps/wordsize-32/divdi3.c)
# Pre-1991 gaps in copyright years, so cannot use a single range.
UPDATE_COPYRIGHT_USE_INTERVALS=1 "$update_script" "$f"

esac
done

1.44 graphviz 1.3.0
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/* vim: set expandtab tabstop=4 shiftwidth=4 softtabstop=4: */

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 *
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1.51 iana-etc 2.30

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1.64 jqplot 1.0.4

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Ralph Metzler <rjkm@metzlerbros.de>
for their continuing work on the DVB driver

Michael Holzt <kju@debian.org>
for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>
for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login
procedure and CyberLogin is no longer used.)

Martin Schaller <martin@smurf.franken.de>
for patching the cable card decoder driver

Klaus Schmidinger <Klaus.Schmidinger@cadsoft.de>
for various fixes regarding tuning, OSD and CI stuff and his work on VDR

Steve Brown <sbrown@cortland.com>
for his AFC kernel thread

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...and all the other dbox2 people
for many bugfixes in the generic DVB Core, frontend drivers and
their work on the dbox2 port of the DVB driver

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for many bugfixes

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for all the work for the FlexCopII chipset by B2C2,Inc.

Davor Emard <emard@sothome.net>
for his work on the budget drivers, the demux code,
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Hans-Frieder Vogt <hfvogt@arcor.de>
for his work on calculating and checking the crc's for the TechnoTrend/Hauppauge DEC driver firmware

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for the nxt2004 frontend driver

Kirk Lapray <kirk.lapray@gmail.com>
for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a line to the DVB mailing list)

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library "Frob" (a library for tweaking knobs) written by James Random Hacker.

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

That's all there is to it!
/* 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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<one line to give the program's name and a brief idea of what it does.>
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1.73 Klein 0.2.0

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1.74 kmod 21

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lib/krb5/kdb/kdb_convert.c
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1.81 libedit 3.1 :2014-06-20 Jess Thrysoee

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1.92 libxml2 2.9.3

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1.93 libxslt 1.1.28

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1.97 log4shib 1.0.8 :2013-05-08 Scott Cantor

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### 1.102 memtest86 3.4

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**1.106 mod_authnz_external 3.3.2**

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"Clone me," says Dolly sheepishly.
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1.121 opensaml 2.5.3

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1.122 openssh 6.9p1

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1.123 openssl 1.0.2f

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[PCRE]

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THE BASIC LIBRARY FUNCTIONS

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

Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

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

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********************************************************************************
[zlib]

/* zlib.h -- interface of the `zlib' general purpose compression library
version 1.2.3, July 18th, 2005

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Jean-loup Gailly        Mark Adler
jloup@gzip.org          madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for
Comments) 1950 to 1952 in the files http://www.ietf.org/rfc/rfc1950.txt
(zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).
*/

********************************************************************************
[edoc, syntax_tools]
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1.127 pam_ldap 186
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1.129 pcre 8.37
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# vim600: encoding=UTF-8

"streamable kanji code filter and converter"

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THE BASIC LIBRARY FUNCTIONS

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1.135 prototype.js 1.7
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1.139 python-cffi 1.2.1

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1.140 python-characteristic 14.3.0

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1.141 python-coverage 3.7.1

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1.142 python-cryptography 1.0.1

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1.143 python-dbus 1.2.0

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1.144 python-defusedxml 0.4.1 :28-Mar-2013

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1.145 python-enum34 1.0.4

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1.146 python-httplib2 0.9.1

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1.147 python-idna 1.1 :(2015-01-27)

1.148 python-ldap 2.4.20
1.148.1 Available under license :

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1.149 python-lxml 3.4.4
1.149.1 Available under license :

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1.150 python-lxml_test_script 3.3.5

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1.155 python-pycparser 2.14

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1.156 python-pygobject 2.28.6

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1.161 python-pysnmp 4.2.5 :rc2

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1.162 python-pytz 2015.4

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1.163 python-service_identity 14.0.0

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

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

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

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from twisted import __version__ as version, version as longversion

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1.168 python-yaml 3.10

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1.169 python-zope-interface 4.1.2 :(2014-12-27)

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1.170 python2 2.7.10

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A. HISTORY OF THE SOFTWARE

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

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

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

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

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1.173 samba 3.6.22

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1.174 scriptaculous 1.8.2

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1.175 sed 4.2.2

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 * The apr_vsnprintf/apr_snprintf functions are based on, and used with the
 * permission of, the SIO stdio-replacement strx_* functions by Panos
 * Tsirigotis <panos@alumni.cs.colorado.edu> for xinetd.
 */

/**
 * @file apr_base64.h
 * @brief APR-UTIL Base64 Encoding
 */
#ifndef APR_BASE64_H
#define APR_BASE64_H
#include "apu.h"
#include "apr_general.h"
#define APU_DECLARE(x) x
#ifdef __cplusplus
extern "C" {
#endif

#ifdef __cplusplus
extern "C" {
#endif

#endif

/*
 * @defgroup APR_Util_Base64 Base64 Encoding
 * @ingroup APR_Util
 * @}
 */

/* Simple BASE64 encode/decode functions.
 *
 * As we might encode binary strings, hence we require the length of
 * the incoming plain source. And return the length of what we decoded.
 *
 * The decoding function takes any non valid char (i.e. whitespace, \0
 * or anything non A-Z,0-9 etc as terminal.
 *
 * plain strings/binary sequences are not assumed "\0" terminated. Encoded
 * strings are neither. But probably should.
 *
 */

/**
 * Given the length of an un-encrypted string, get the length of the
 * encrypted string.
 * @param len the length of an unencrypted string.
 * @return the length of the string after it is encrypted
 */
APU_DECLARE(int) apr_base64_encode_len(int len);

/**
 * Encode a text string using base64encoding.
 * @param coded_dst The destination string for the encoded string.
 * @param plain_src The original string in plain text
 * @param len_plain_src The length of the plain text string
 * @return the length of the encoded string
 */
APU_DECLARE(int) apr_base64_encode(char * coded_dst, const char *plain_src,
                                 int len_plain_src);

/**
 * Encode an EBCDIC string using base64encoding.
 * @param coded_dst The destination string for the encoded string.
 * @param plain_src The original string in plain text
 * @param len_plain_src The length of the plain text string
 * @return the length of the encoded string
 */
APU_DECLARE(int) apr_base64_encode_binary(char * coded_dst,
                                       const unsigned char *plain_src,
int len_plain_src);

/**
 * Determine the length of a plain text string given the encoded version
 * @param coded_src The encoded string
 * @return the length of the plain text string
 */
APU_DECLARE(int) apr_base64_decode_len(const char * coded_src);

/**
 * Decode a string to plain text
 * @param plain_dst The destination string for the plain text
 * @param coded_src The encoded string
 * @return the length of the plain text string
 */
APU_DECLARE(int) apr_base64_decode(char * plain_dst, const char * coded_src);

/**
 * Decode an EBCDIC string to plain text
 * @param plain_dst The destination string for the plain text
 * @param coded_src The encoded string
 * @return the length of the plain text string
 */
APU_DECLARE(int) apr_base64_decode_binary(unsigned char * plain_dst, const char * coded_src);

/** @} */

#ifdef __cplusplus
}
#endif
#endif /* !APR_BASE64_H */

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1.184 syslog-ng 3.6.4

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Send patches to sysvinit-devel@nongnu.org

The of the start-stop-daemon

* A rewrite of the original Debian’s start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>, public domain.

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1.194 traceroute 2.0.21

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1.196 tzcode 2015g
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README for the tz distribution

"What time is it?" -- Richard Deacon as The King
"Any time you want it to be." -- Frank Baxter as The Scientist
(from the Bell System film "About Time")

The Time Zone Database (often called tz or zoneinfo) contains code and
data that represent the history of local time for many representative
locations around the globe. It is updated periodically to reflect
changes made by political bodies to time zone boundaries, UTC offsets,
and daylight-saving rules.

Unless otherwise specified, all files in the tz code and data are in
the public domain, so clarified as of 2009-05-17 by Arthur David Olson.
The few exceptions are code derived from BSD, which uses the BSD license.

Here is a recipe for acquiring, building, installing, and testing the
tz distribution on a GNU/Linux or similar host.

mkdir tz
cd tz
wget --retr-symlinks 'ftp://ftp.iana.org/tz/tz*-latest.tar.gz'
gzip -dc tzcode-latest.tar.gz | tar -xf -
gzip -dc tzdata-latest.tar.gz | tar -xf -

Be sure to read the comments in "Makefile" and make any changes needed
to make things right for your system, especially if you are using some
platform other than GNU/Linux. Then run the following commands,
substituting your desired installation directory for "$HOME/tzdir":

make TOPDIR=$HOME/tzdir install
$HOME/tzdir/etc/zdump -v America/Los_Angeles

Historical local time information has been included here to:

* provide a compendium of data about the history of civil time
  that is useful even if not 100% accurate;

* give an idea of the variety of local time rules that have
  existed in the past and thus an idea of the variety that may be
  expected in the future;

* provide a test of the generality of the local time rule description
  system.

The information in the time zone data files is by no means authoritative;
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for details.

Thanks to these Time Zone Caballeros who've made major contributions to the
time conversion package: Keith Bostic; Bob Devine; Paul Eggert; Robert Elz;
Guy Harris; Mark Horton; John Mackin; and Bradley White. Thanks also to
Michael Bloom, Art Neilson, Stephen Prince, John Sovereign, and Frank Wales
for testing work, and to Gwillim Law for checking local mean time data.
Thanks in particular to Arthur David Olson, the project's founder and first
maintainer, to whom the time zone community owes the greatest debt of all.
None of them are responsible for remaining errors.

Look in <ftp://ftp.iana.org/tz/releases/> for updated versions of these files.

Please send comments or information to tz@iana.org.

1.197 tzdata 2015g

1.198 ujson 1.33
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1.199 unzip 60

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1.200 uri.js 1.10.1

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NR START   END SECTORS SIZE NAME UUID
1  7936 12799   4864  2.4M
2  12544 16127  3584  1.8M
NR START   END SECTORS SIZE NAME UUID
1   32   7679   7648  3.8M        8f8378c0-01
2  7680 16383  8704  4.3M        8f8378c0-02
5  7936 12799   4864  2.4M
6 12544 16127  3584  1.8M
size: 4456448, sector size: 512, PT: bsd, offset: 512, id=(null)
---
#1:       7936       4864   0x7
#2:      12544       3584   0x7
size: 8388608, sector size: 512, PT: dos, offset: 446, id=8f8378c0
---
#1:        32        7648   0x83 uuid='8f8378c0-01'
#2:       7680      8704   0xa5 uuid='8f8378c0-02'
#5:       7936     4864   0x7  (freebsd)
#6:      12544      3584   0x7  (freebsd)
Initialize empty image
f1c9645dbc14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2c9 bsd.img
---layout----------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>
-----------

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img
---layout----------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

<table>
<thead>
<tr>
<th>Device</th>
<th>Boot Start</th>
<th>End Sectors</th>
<th>Size</th>
<th>Id Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;removed&gt;</td>
<td>1 2048 4095</td>
<td>2048 1M 83 Linux</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Create 2st primary partition
1beb87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8df51a88a045db233418dd73fbd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device | Boot Start | End Sectors | Size | Id Type |
--------|------------|-------------|------|---------|
<removed> | 1 2048 4095 | 2048 1M 83 Linux |      |         |
<removed> | 2 4096 20479 | 16384 8M a5 FreeBSD |      |         |

Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout--------
Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed> 2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice | Start End Sectors Size Type Fsize Bsize Cpg |
------|-------|-------------|------|---------|
c     | 4096 20479 | 16384 8M unused | 0 0 0|
d     | 0 16064 | 16065 7.9M unused | 0 0 0|

Partition table entries are not in disk order.
Command (m for help): Leaving nested disklabel.

Command (m for help): Leaving nested disklabel.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice Start   End Sectors  Size Type     Fsize Bsize Cpg
a   4096  6144   2049  1M 4.2BSD       0     0   0
b   0  16064  16065  7.9M unused       0     0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help): Leaving nested disklabel.

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.
Command (m for help):
BZh91AY&SY`hC+(H|yL*UT{JDCCMh?TPJ
4b"LXLD3Mf0h
4JM&hC&A
4h
P44OP4&FCFz()"{W ">CN
@JEBx=q
\]%HFYP@R "o"*U*R
}CbW"XZTK8o%"Z|l|&|--9%m/cB7D4F"N7r:o2&HLP|9p|N"g=-?lm9Q@+CvT
]0U"h-J][ZEkZMkZP(@O@I6YSTK6j5\'}S$@SlI$I/SUSn|S$ ISHYSI .|@S$1
ISIH1c!SSTA PPPPPPU]W]r]uU@UYVUUUU-mW[UeKjHR
sUE)H:Eu,j]gD;r
#XZ;:[n]\ }@?$X(8HXo<@ @>doo:6BFJNRVZ"y8
Tb)i)+k,l-D
y{l}/FH:ZxZ,Cv]BBaSiSiSiSiSIB-A<8aUJ7UUUU33333330ISISS1SISpur8@\}"@ISISIS--M#:qr\x[@(jVZ:a
H-kfWULR&vL1;HzSp07R@mb`b.1E2m"DSyP(Ejwq_X5u fBgXH mr*]5`QrdC ::,1JU@ @-h@ @IC-1^A5a -7@(\Ei.E7q|DP0,5:
@)9@/@D],p
BZh91AY&SY"~@H R h%CFTC@OQ6_@
(TJmlAH1]\|F0HA]BAk@
#/!/bin/bash
#
# This file is part of util-linux.
#
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#
#
TS_TOPDIR="${0%/*}/../.."
TS_DESC="nested BSD"

. $TS_TOPDIR/functions.sh
ts_init "$*"

ts_check_test_command "$TS_CMD_FDISK"
ts_check_test_command "STS_HELPER_SYSINFO"

FDISK_CMD_CREATE_DOSLABEL="o\n" # create dos label
FDISK_CMD_SETID="x\n0\x1\n\n" # set non-random ID
FDISK_CMD_WRITE_CLOSE="w\nq\n" # write to image
FDISK_CMD_CREATE_PRIMARY1="n\n\n1\n+1M\n" # 1st primary partition of size 1MiB
FDISK_CMD_CREATE_PRIMARY2="n\n\n2\n\n" # 2nd primary partition for whole of the disk
FDISK_CMD_CHANGE_PART2TYPE="\n\n5\n" # change partition type FreeBSD

FDISK_CMD_BSD_CREATE="b\n\n" # create nested BSD PT
FDISK_CMD_BSD_LIST="\n\n\n" # list nested BSD PT and quit
FDISK_CMD_BSD_CREATE_PART="b\n\n1\n+1M\n" # add BSD partition 'a', size 1MiB
FDISK_CMD_BSD_PARTTYPE="\n\n\n7\n" # set partition 'a' to type 4.2BSD
FDISK_CMD_BSD_LIST_TYPES="\n\n\n" # list supported PT types and quit

# BSD disklabel depends on sector/offset and endianess. We convert the md5sums
# into the most common values (little endian, BSD_LABELSECTOR = 1,
# BSD_LABELOFFSET = 0) so that they can be easily compared to the expected
# ones.
BYTE_ORDER=$($TS_HELPER_SYSINFO byte-order)
function fdisk_bsd_offset_and_byte_order_clean
{
# expected md5sums are from x86 systems
local md5_bsdimg1_LE_0_64="2e1cee529cb59c9341afe0443f196a1"
local md5_bsdimg2_LE_0_64="b5c121c20f1b2f26f880551feac7112"

    if [ $BYTE_ORDER = "BE" ]; then
        # BSD_LABELSECTOR = 0, BSD_LABELOFFSET = 64
        sed -i \
        -e "s/c2273b52976351db75596c47c10b0725/Smd5_bsdimg1_LE_0_64/" \
        -e "s/9a23a45b999c37d2ce0d92b65437b93cd/Smd5_bsdimg2_LE_0_64/" \
        "$TS_OUTPUT"

    # BSD_LABELSECTOR = 1, BSD_LABELOFFSET = 0
    sed -i \
    -e "s/e990c8a1c2106a4cd4b008f16d71aa6/Smd5_bsdimg1_LE_0_64/" \
    -e "s/187a48c26e838d146b866868addc93702/Smd5_bsdimg2_LE_0_64/" \
    "$TS_OUTPUT"

    else
        # BSD_LABELSECTOR = 0, BSD_LABELOFFSET = 0
        sed -i \
        -e "s/6d760d7a5e33b27cc6e27f1e8807d48/Smd5_bsdimg1_LE_0_64/" \
        -e "s/3739c7959adb42693a69ed7a99914e8/Smd5_bsdimg2_LE_0_64/" \
        "$TS_OUTPUT"
    fi
}
function print_layout {
    echo -ne "\n---layout----------\n" >> $TS_OUTPUT
    $TS_CMD_FDISK -l ${TEST_IMAGE_NAME} >> $TS_OUTPUT
    echo -ne   "-------------------\n\n" >> $TS_OUTPUT
}

function print_bsd_layout {
    echo -ne "\n---layout----------\n" >> $TS_OUTPUT
    echo -e "${FDISK_CMD_BSD_LIST}" | \
    $TS_CMD_FDISK $ {TEST_IMAGE_NAME} >> $TS_OUTPUT
    echo -ne   "-------------------\n\n" >> $TS_OUTPUT
}

ts_log "Initialize empty image"
TEST_IMAGE_NAME=$(ts_image_init 10)
ts_image_md5sum >> $TS_OUTPUT 2>&1

print_layout

ts_log "Create new DOS partition table"
    echo -e "${FDISK_CMD_CREATE_DOSLABEL}${FDISK_CMD_SETID}${FDISK_CMD_WRITE_CLOSE}" \ 
    | $TS_CMD_FDISK $ {TEST_IMAGE_NAME} &> /dev/null
ts_image_md5sum >> $TS_OUTPUT 2>&1

print_layout

ts_log "Create 1st primary partition"
    echo -e "${FDISK_CMD_CREATE_PRIMARY1}${FDISK_CMD_WRITE_CLOSE}" \ 
    | $TS_CMD_FDISK $ {TEST_IMAGE_NAME} &> /dev/null
ts_image_md5sum >> $TS_OUTPUT 2>&1

print_layout

ts_log "Create 2st primary partition"
    echo -e "${FDISK_CMD_CREATE_PRIMARY2}${FDISK_CMD_WRITE_CLOSE}" \ 
    | $TS_CMD_FDISK $ {TEST_IMAGE_NAME} &> /dev/null
ts_image_md5sum >> $TS_OUTPUT 2>&1

print_layout

ts_log "Set 2nd partition type"
    echo -e "${FDISK_CMD_CHANGE_PART2TYPE}${FDISK_CMD_WRITE_CLOSE}" \ 
    | $TS_CMD_FDISK $ {TEST_IMAGE_NAME} &> /dev/null
ts_image_md5sum >> $TS_OUTPUT 2>&1

print_layout

ts_log "Create default BSD"
    echo -e "${FDISK_CMD_BSD_CREATE}${FDISK_CMD_WRITE_CLOSE}" \ 
    | $TS_CMD_FDISK $ {TEST_IMAGE_NAME} &> /dev/null
ts_image_md5sum >> $TS_OUTPUT 2>&1
echo -e "${FDISK_CMD_BSD_CREATE_PART}${FDISK_CMD_WRITE_CLOSE}" | \
$TS_CMD_FDISK $TEST_IMAGE_NAME >> dev/null &> /dev/null

echo -e "${FDISK_CMD_BSD_PARTITION}${FDISK_CMD_WRITE_CLOSE}" | \
$TS_CMD_FDISK $TEST_IMAGE_NAME >> /dev/null &> /dev/null

ts_image_md5sum >> $TS_OUTPUT 2>&1

print_bsd_layout

echo -e "${FDISK_CMD_BSD_LIST_TYPES}" | \
$TS_CMD_FDISK $TEST_IMAGE_NAME | \
    sed 's/Reading .*/g; s/Welcome to fdisk .*/g' >> $TS_OUTPUT 2>&1

fdisk_bsd_offset_and_byte_order_clean

ts_fdisk_clean $TEST_IMAGE_NAME

ts_finalize

1.203 valgrind 3.10.1

1.203.1 Available under license:

#!/bin/sh
#
# Script updates the copyright year in every file in Valgrind that contains
# a copyright notice. Assumes they're all in the same format:
#
#   "Copyright (C) 20xy-2012"
#
# where x can be 0 or 1 and y can be anything.
# To use:
# - change the years in the 'perl' command below appropriately.
# - Run it from the base directory of a Valgrind workspace.
# - And check the results look ok by diff'ing against the repository.
#
# Note that it will spit out some warnings when it runs; ignore these.
#
# The find command deliberately skips .svn/ subdirs -- we don't want to
# change them.

for i in `find . -name '*.[chS]' -o -name '*.[in]' -o -name '*.[in]' -type f -o -name '*.[in]' -not -path '.svn/*'`; do
    echo $i
    if [ -L $i ]; then continue; fi
    perl -p -e 's/Copyright \(C\) 20\[0-9\]-2012/Copyright (C) 20\$1\$2-2014/; s/Welcome to fdisk. */g' $i
    mv tmp.$$ $i
Open Source Used In Cisco TelePresence Video Communication Server X8.7.3

2021

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1.204 vim 7.4.854

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==============================================================================
KiBaale Children's Centre*kcc* *KiBaale* *charity*

KiBaale Children's Centre (KCC) is located in KiBaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are
many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

*donate*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Furthermore, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:
Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money:*iccf-donations*

Check the ICCF web site for the latest information! See [iccf] for the URL.

USA: The methods mentioned below can be used.
Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.
For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly. Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.
Kibaale Children's Fund c/o Pacific Academy
10238-168 Street
Surrey, B.C. V4N 1Z4
Canada
Phone: 604-581-5353
If you make a donation to Kibaale Children's Fund (KCF) you
will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse. This will allow for tax deduction if you live in Holland.
Postbank, nr. 4548774
IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return. Check the ICCF web site for the latest information:
http://iccf-holland.org/germany.html

World: Use a postal money order. That should be possible from any country, mostly from the post office. Use this name (which is in my passport): "Abraham Moolenaar". Use Euro for the currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number.
Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It's really simple to use. Use this link to find more info:
The e-mail address for sending the money to is:
Bram@iccf-holland.org
For amounts above 400 Euro ($500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:
Postbank, account 4548774
Swift code: INGB NL 2A
IBAN: NL95 INGB 0004 5487 74
under the name "stichting ICCF Holland", Lisse
If that doesn't work:
Rabobank Lisse, account 3765.05.117
Swift code: RABO NL 2U
under the name "Bram Moolenaar", Lisse
Otherwise, send a check in euro or US dollars to the address below. Minimal amount: $70 (my bank does not accept smaller amounts for foreign check, sorry)

Address to send checks to:
Bram Moolenaar
Finsterruetihof 1
1.205 vlan 1.9

1.205.1 Available under license:

The MAC vlan stuff is primarily the work of, and is copy-righted (GPL) by:

# (C) Copyright 2001
# Alex Zefferit, Cambridge Broadband Ltd, ajz@cambridgebroadband.com
However, I (Ben) reworked the MAC-VLAN code extensively, including re-writing all of the locking code. So, any complaints & bugs should come to me.

--Ben Greear (greearb@candelatech.com)
http://www.candelatech.com/~greear

1.206 Werkzeug 0.9.1

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1.211 zlib 1.2.8

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.8, April 28th, 2013

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

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