Open Source Used In Cisco TelePresence Video Communication Server X8.1.2

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**1.5 bash 4.2**

**1.5.1 Available under license:**

```
From mikel@ora.com Tue Aug  1 12:13:20 1995
Flags: 10
Return-Path: mikel@ora.com
Received: from ruby.ora.com (ruby.ora.com [198.112.208.25]) by odin.INS.CWRU.Edu with ESMTP (8.6.12+cwru/CWRU-2.1-ins)
id MAA01565; Tue, 1 Aug 1995 12:13:18 -0400 (from mikel@ora.com for <chet@odin.INS.CWRU.Edu>)
Received: (from fax@localhost) by ruby.ora.com (8.6.12/8.6.11) with UUCP id MAA23251; Tue, 1 Aug 1995 12:07:51 -0400
Received: by los.ora.com (4.1/Spike-2.1)
id AA00672; Tue, 1 Aug 95 08:57:32 EDT
Date: Tue, 1 Aug 95 08:57:32 EDT
From: mikel@ora.com (Michael Loukides)
Message-Id: <9508011257.AA00672@los.ora.com>
Subject: Re: Ksh debugger from Rosenblatt's book [for bash]
To: Chet Ramey <chet@odin.INS.CWRU.Edu>
Cc: cmarie@ora.com, cam@iinet.com.au, brosenblatt@tm.com
In-Reply-To: Chet Ramey <chet@odin.INS.CWRU.Edu>, Mon, 31 Jul 1995 16:22:48 -0400

I've modified a (modified) version of Bill Rosenblatt's ksh debugger to work with bash-2.0. Does ORA have any problem with me distributing it with bash-2.0?
```
That's great!

Go ahead and circulate it; in fact, we should probably grab it and stick it in our ftp archive, and put a reference to it in the book. (Too late to actually discuss the thing, at least for this edition).

--------

From friedman@cli.com Thu May 25 12:19:06 1995
Flags: 10
Return-Path: friedman@cli.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins)
   id MAA08685; Thu, 25 May 1995 12:19:05 -0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)
Received: from cli.com (cli.com [192.31.85.1]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)
   id MAA11299; Thu, 25 May 1995 12:19:00 -0400 (from friedman@cli.com for <chet@po.cwru.edu>)
Received: from tepui.cli.com by cli.com (4.1/SMI-4.1)
   id AA27213; Thu, 25 May 95 11:18:25 CDT
Received: from tepui.cli.com by cli.com (4.1) id AA16031; Thu, 25 May 95 11:18:23 CDT
Message-Id: <9505251618.AA16031@tepui.cli.com>
From: friedman@gnu.ai.mit.edu (Noah Friedman)
To: chet@po.cwru.edu
Subject: Bash scripts
Reply-To: friedman@gnu.ai.mit.edu
In-Reply-To: <chet@odin.ins.cwru.edu> Thu, 25 May 1995 11:19:59 -0400
References: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>
Date: Thu, 25 May 95 11:18:21 CST

>Hi.  I snagged some of your bash functions from your home directory on
>the FSF machines (naughty, I know), and I was wondering if you'd let
>me distribute them with bash-2.0.  Thanks.

Sure.  I think there's a later copy in
~ftp/friedman/shell-inits/init-4.89.tar.gz.  There are also some elisp and
es frogs in that file.

It should serve as a pretty good example of how to get carried away. :-)

From spcecdt@armory.com Wed May 10 10:21:11 1995
Flags: 10
Return-Path: spcecdt@armory.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins)
   id KAA22876; Wed, 10 May 1995 10:21:10 -0400 (from spcecdt@armory.com for <chet@odin.INS.CWRU.Edu>)
Received: from deepthought.armory.com (mmdf@deepthought.armory.com [192.122.209.42]) by po.cwru.edu with
SMTP (8.6.10+cwru/CWRU-2.3)
   id BAA16354; Wed, 10 May 1995 01:33:22 -0400 (from spcecdt@armory.com for <chet@po.cwru.edu>)
From: John DuBois <spcecdt@armory.com>
Date: Tue, 9 May 1995 22:33:12 -0700
In-Reply-To: Chet Ramey <chet@odin.ins.cwru.edu>
   "ksh scripts" (May 9, 1:36pm)
Sure. The canonical versions are available on ftp.armory.com; you might want to pick up the latest versions before modifying them.

John

On May 9, 1:36pm, Chet Ramey wrote:

Hi. I'm the maintainer of bash (the GNU 'Bourne Again shell') for the FSF.

I picked up a tar file of ksh scripts you wrote from an anon FTP site a while back. I'd like your permission to include modified versions of some of them in the next major bash distribution (with proper credit given, of course). Is it OK if I do that?

Chet Ramey

"The lyf so short, the craft so long to lerne." - Chaucer

Chet Ramey, Case Western Reserve University Internet: chet@po.CWRU.Edu

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Version 3, 29 June 2007

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

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

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

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

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

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

Preamble

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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.

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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.

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

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

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

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

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

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

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

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

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

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

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

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to 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
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under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

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

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
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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
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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
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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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

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

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**END OF TERMS AND CONDITIONS**

Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.
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For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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

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

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.
Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.
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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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

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

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

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

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

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

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

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

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

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

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

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

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1.8 boost 1.49.0

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

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   libb2.dll test program.
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   usage: minibz2 [-d] [-[1,2,...9]] [[srcfilename] destfilename]
*/

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1.12 coreutils 8.15

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[Cracklib-devel] cracklib license
From: Mike Fryisinger <vapier@g...> - 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=20
GPL-2 ... it was a modified artistic license ... i didnt notice the license=20
change until it was mentioned in the latest notes.

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

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

-- Nathan

Nathan Neulinger
EMail: nneul@um...
University of Missouri - Rolla
Phone: (573) 341-6679
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
>
> the original license (before moving to sourceforge -- aka, 2.7) was not
> GPL-2 ... it was a modified artistic license ... i didn't notice the license
> change until it was mentioned in the latest notes.
>
place of a
library to dictact to application writes what license they should
be using.
thus LGPL-2.1 enters to fill this void.
-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

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

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

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

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

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

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

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

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

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

Cheers,

Nalin

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

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

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

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18
>> 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] (helo=[192.168.1.3]) by rutherford.zen.co.uk with esmtp (Exim 4.50) id 1IcOcX-0004Qt-6L for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afplf2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dac0afplf2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@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]
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

### 1.15 curl 7.28.1

#### 1.15.1 Available under license:

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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!

One common dilemma is that GPL[1]-licensed code is not allowed to be linked with code licensed under the Original BSD license (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an exception[2]. This particular problem was addressed when the Modified BSD license was created, which does not have the announcement clause that collides with GPL.

libcurl http://curl.haxx.se/docs/copyright.html

Uses an MIT (or Modified BSD)-style license that is as liberal as possible. Some of the source files that deal with KRB4 have Original BSD-style announce-clause licenses. You may not distribute binaries with krb4-enabled libcurl that also link with GPL-licensed code!

OpenSSL http://www.openssl.org/source/license.html

(May be used for SSL/TLS support) Uses an Original BSD-style license with an announcement clause that makes it "incompatible" with GPL. You are not allowed to ship binaries that link with OpenSSL that includes GPL code (unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using GnuTLS or yassl instead.

GnuTLS http://www.gnutools.org/

(May be used for SSL/TLS support) Uses the LGPL[3] license. If this is a problem for you, consider using OpenSSL instead. Also note that GnuTLS itself depends on and uses other libs (libgcrypt and libgpg-error) and they too are LGPL- or GPL-licensed.

yassl http://www.yassl.com/
Open Source Used in Cisco TelePresence Video Communication Server X8.1.2

(May be used for SSL/TLS support) Uses the GPL[1] license. If this is a problem for you, consider using OpenSSL or GnuTLS instead.

NSS http://www.mozilla.org/projects/security/pki/nss/

(May be used for SSL/TLS support) Is covered by the MPL[4] license, the GPL[1] license and the LGPL[3] license. You may choose to license the code under MPL terms, GPL terms, or LGPL terms. These licenses grant you different permissions and impose different obligations. You should select the license that best meets your needs.

axTLS http://axtls.sourceforge.net/

(May be used for SSL/TLS support) Uses a Modified BSD-style license.

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

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

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

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

krb4

While nothing in particular says that a Kerberos4 library must use any particular license, the one I've tried and used successfully so far (kth-krb4) is partly Original BSD-licensed with the announcement clause. Some of the code in libcurl that is written to deal with Kerberos4 is Modified BSD-licensed.

MIT Kerberos http://web.mit.edu/kerberos/www/dist/

(May be used for GSS support) MIT licensed, that shouldn't collide with any other parts.

Heimdal http://www.pdc.kth.se/heimdal/

(May be used for GSS support) Heimdal is Original BSD licensed with the announcement clause.

GNU GSS http://www.gnu.org/software/gss/

(May be used for GSS support) GNU GSS is GPL licensed. Note that you may not distribute binary curl packages that uses this if you build
curl to also link and use any Original BSD licensed libraries!

fbopenssl

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

libidn http://josefsson.org/libidn/

(Used for IDNA support) Uses the GNU Lesser General Public License [3]. LGPL is a variation of GPL with slightly less aggressive "copyleft". This license requires more requirements to be met when distributing binaries, see the license for details. Also note that if you distribute a binary that includes this library, you must also include the full LGPL license text. Please properly point out what parts of the distributed package that the license addresses.

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

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

libssh2 http://www.libssh2.org/

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

[2] = http://www.fsf.org/licenses/gpl-faq.html#GPLIncompatibleLibs details on how to write such an exception to the GPL
[3] = LGPL - GNU Lesser General Public License:
    http://www.gnu.org/licenses/lgpl.html
[4] = MPL - Mozilla Public License:
    http://www.mozilla.org/MPL/

1.16 cyrus-sasl 2.1.23 :8.el6

1.16.1 Notifications:

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1.16.2 Available under license:

/* CMU libsasl
* Tim Martin
* Rob Earhart
Open Source Used In Cisco TelePresence Video Communication Server X8.1.2

152

* Rob Siemborski
*/
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### 1.17 dbus 1.6.4

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1.19 dbus-python 0.83.1

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Appendix: How to Apply These Terms to Your New Programs

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

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

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.
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1.25 e2fsprogs 1.41.12
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Theodore Ts'o
23-June-2007

____________________________________________________________________

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Version 2, June 1991

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

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This is free software, and you are welcome to redistribute it
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be called something other than `show w' and `show c'; they could even be
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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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1.32 file 5.04 :5.el6

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

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

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table of data to be supplied by an application program that uses
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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.)

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

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

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

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

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

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

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

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

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

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

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

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

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

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   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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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.>
Copyright (C) <year>  <name of author>

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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!

eval '(exit $?0)' && eval 'exec perl -wS -0777 -pi "$0" ${1+"$@"}'}
& eval 'exec perl -wS -0777 -pi "$0" $argv:q'
if 0;
# Update an FSF copyright year list to include the current year.

my $VERSION = '2012-02-05.21:39'; # UTC

# Copyright (C) 2009-2012 Free Software Foundation, Inc.
#
# This program is free software: you can redistribute it and/or modify
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#
# Written by Jim Meyering and Joel E. Denny

# The arguments to this script should be names of files that contain
# copyright statements to be updated. The copyright holder's name
# defaults to "Free Software Foundation, Inc." but may be changed to
# any other name by using the "UPDATE_COPYRIGHT_HOLDER" environment
# variable.
#
# For example, you might wish to use the update-copyright target rule
# in maint.mk from gnu/-config's maintainer-makefile module.
#
# Iff a copyright statement is recognized in a file and the final
# year is not the current year, then the statement is updated for the
# new year and it is reformatted to:
#
# 1. Fit within 72 columns.
# 2. Convert 2-digit years to 4-digit years by prepending "19".
3. Expand copyright year intervals. (See "Environment variables"
below.)

A warning is printed for every file for which no copyright
statement is recognized.

Each file’s copyright statement must be formatted correctly in
order to be recognized. For example, each of these is fine:

Copyright @copyright{} 1990-2005, 2007-2009 Free Software
Foundation, Inc.

# Copyright (C) 1990-2005, 2007-2009 Free Software
# Foundation, Inc.

/*
 * Free Software Foundation, Inc.
 */

However, the following format is not recognized because the line
prefix changes after the first line:

```plaintext
### Copyright (C) 1990-2005, 2007-2009 Free Software
# # Foundation, Inc.
```

However, any correctly formatted copyright statement following
a non-matching copyright statements would be recognized.

The exact conditions that a file’s copyright statement must meet
to be recognized are:

1. It is the first copyright statement that meets all of the
   following conditions. Subsequent copyright statements are
   ignored.
2. Its format is "Copyright (C)"", then a list of copyright years,
   and then the name of the copyright holder.
3. The "(C)" takes one of the following forms or is omitted
   entirely:
   A. (C)
   B. (c)
   C. @copyright{}
   D. &copy;
4. The "Copyright" appears at the beginning of a line, except that it
   may be prefixed by any sequence (e.g., a comment) of no more than
   5 characters -- including white space.
5. If a prefix is present, the same prefix appears at the beginning of each remaining line within the FSF copyright statement. There is one exception in order to support C-style comments: if the first line's prefix contains nothing but whitespace surrounding a "*/", then the prefix for all subsequent lines is the same as the first line's prefix except with each of "/" and possibly "+" replaced by a " ". The replacement of "+" by " " is consistent throughout all subsequent lines.

6. Blank lines, even if preceded by the prefix, do not appear within the FSF copyright statement.

7. Each copyright year is 2 or 4 digits, and years are separated by commas or dashes. Whitespace may appear after commas.

Environment variables:

1. If UPDATE_COPYRIGHT_FORCE=1, a recognized FSF copyright statement is reformatted even if it does not need updating for the new year. If unset or set to 0, only updated FSF copyright statements are reformatted.

2. If UPDATE_COPYRIGHT_USE_INTERVALS=1, every series of consecutive copyright years (such as 90, 1991, 1992-2007, 2008) in a reformatted FSF copyright statement is collapsed to a single interval (such as 1990-2008). If unset or set to 0, all existing copyright year intervals in a reformatted FSF copyright statement are expanded instead.


4. For testing purposes, you can set the assumed current year in UPDATE_COPYRIGHT_YEAR.

4. The default maximum line length for a copyright line is 72. Set UPDATE_COPYRIGHT_MAX_LINE_LENGTH to use a different length.

5. Set UPDATE_COPYRIGHT_HOLDER if the copyright holder is other than "Free Software Foundation, Inc.".

use strict;
use warnings;

my $copyright_re = 'Copyright';
my $circle_c_re = '(?:\[cC\]|@[copyright{}]|©)';
my $holder = $ENV{UPDATE_COPYRIGHT_HOLDER} || 'Free Software Foundation, Inc.';
my $prefix_max = 5;
my $margin = $ENV{UPDATE_COPYRIGHT_MAX_LINE_LENGTH} || m/^\d+/; !$margin && $margin > 72;
my $tab_width = 8;
my $this_year = $ENV{UPDATE_COPYRIGHT_YEAR};
if (!$this_year || $this_year !~ m/^\d{4}$/) {
    my ($sec, $min, $hour, $mday, $month, $year) = localtime (time ());
    $this_year = $year + 1900;
}

# Unless the file consistently uses "\r\n" as the EOL, use "\n" instead.
my $eol = /(?<!\[\r])\n/ ? "\n" : "\r\n";

my $leading;
my $prefix;
my $ws_re;
my $stmt_re;
while (/(^|\n)(\{0,$prefix_max\})$copyright_re/g) {
    $leading = "$1$2";
    $prefix = $2;
    if ($prefix =~ /^\s*\/(\w+)/(\w+)$/)
    {
        $prefix =~ s/,/,/;
        my $prefix_ws = $prefix;
        $prefix_ws =~ s/\*/ /; # Only whitespace.
        if ($prefix_ws) {
            $prefix = $prefix_ws;
        }
    }
    $ws_re = '[ \t\r\f\]'; # \s without \n
    $ws_re = "(?:$ws_re\(?:\$ws_re\)\n" . quotemeta($prefix) . "\$ws_re\)";    
    my $holder_re = $holder;
    $holder_re = ~ s/\s/$ws_re/g;
    my $stmt_remainder_re = "(?:$ws_re$circle_c_re)?" . "$ws_re\(?:\$ws_re\)\d\d\d\d$ws_re$holder_re";
    if ($stmt_remainder_re) {
        $stmt_re = quotemeta($leading) . "($copyright_re$stmt_remainder_re)";
    }
if (defined $stmt_re) {
    /$stmt_re/ or die; # Should never die.
my $stmt = $1;
my $final_year_orig = $2;

# Handle two-digit year numbers like "98" and "99".
my $final_year = $final_year_orig;
$final_year <= 99
and $final_year += 1900;

if ($final_year != $this_year)
{
  # Update the year.
  $stmt =~ s/$final_year_orig/$final_year, $this_year/;
}
if ($final_year != $this_year || $ENV{'UPDATE_COPYRIGHT_FORCE'})
{
  # Normalize all whitespace including newline-prefix sequences.
  $stmt =~ s/$ws_re/ /g;

  # Put spaces after commas.
  $stmt =~ s/, ?/, /g;

  # Convert 2-digit to 4-digit years.
  $stmt =~ s/(\b\d\d\b)/19$1/g;

  # Make the use of intervals consistent.
  if (!$ENV{'UPDATE_COPYRIGHT_USE_INTERVALS'})
  {
    $stmt =~ s/(\d{4})-(\d{4})/join(', ', $1..$2)/eg;
  }
  else
  {
    $stmt =~
    s/
    (\d{4})
    (?::
      (\-|
        ((?:
          if  ($2 eq '-' { \d{4}'; } )
        elsif ($3) { $1 + 1; }
        else     { $3 + 1; })
     )))
    )+$

    /$1-$3/gx;
  } # When it's 2, emit a single range encompassing all year numbers.
  $ENV{'UPDATE_COPYRIGHT_USE_INTERVALS'} == 2
  and $stmt =~ s/\b(\d{4})\b.*\b(\d{4})\b/\b\$1-$2/;
# Format within margin.
my $stmt_wrapped;
my $text_margin = $margin - length($prefix);
if ($prefix =~ /^\t+/)
{
    $text_margin -= length($1) * ($tab_width - 1);
}
while (length $stmt)
{
    if (($stmt =~ s/^(.{1,$text_margin})(?: |$)//)
        || ($stmt =~ s/^\[[\S]+\](?: |$)//))
    {
        my $line = $1;
        $stmt_wrapped .= $stmt_wrapped ? "$eol$prefix : $leading;
        $stmt_wrapped .= $line;
    }
    else
    {
        # Should be unreachable, but we don't want an infinite
        # loop if it can be reached.
        die;
    }
}

# Replace the old copyright statement.
s/$stmt_re/$stmt_wrapped/;
}
else
{
    print STDERR "$ARGV: warning: copyright statement not found

# Local variables:
# mode: perl
# indent-tabs-mode: nil
# eval: (add-hook 'write-file-hooks 'time-stamp)
# time-stamp-start: "my $VERSION = ""
# time-stamp-format: "%y-%m-%d %H:%M"
# time-stamp-time-zone: "UTC"
# time-stamp-end: "; # UTC"
# End:
1.38 gettext 0.18.1.1

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Version 3, 29 June 2007

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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.]

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/* This is the public header file for the PCRE library, to be #included by applications that call the PCRE functions.

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 */

*/

* sha.h : Implementation of the Secure Hash Algorithm
 *

---
* Part of the Python Cryptography Toolkit, version 1.0.0
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1.40 graphviz 1.3.0

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1.41 grep 2.14
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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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1.70 krb5 1.9.2

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lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
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include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
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1.76 libpcap 1.3.0 :Friday March 30, 2012

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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.

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

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

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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1.79 libusb 1.0.8

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1.80 libxml2 2.7.8

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1.81 libxslt 1.1.26

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1.84 Lm_sensors 3.1.2 :(2010-02-02)

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1.100 module-init-tools 3.12

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1.114 OpenSSL patch to 0.9.8 branch to add RFC5649 (key wrap with pad) 1.0

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# vim600: encoding=UTF-8

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1.120 PIE-1.0beta5 1.0beta5

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### 1.127 pyasn1 0.0.13b

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### 1.128 pycpuid 0.2.0

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1.129 pycrypto 2.6
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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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1.131 pyinotify 0.9.0

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1.132 pyOpenSSL 0.13

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1.133 pyparsing 1.5.5

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1.134 pyratemp 0.2.0

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1.135 python 2.7.5 :1

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

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

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

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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1.137 python-ldap 2.4.6

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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.

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#undef HAVE_LONG_LONG           /* FIXME: both Python.h and nspr.h define HAVE_LONG_LONG */
#include "nss.h"
#include "ssl.h"

typedef struct {
    SOCKET_HEAD;
    PyObject *py_auth_certificate_callback;
    PyObject *py_auth_certificate_callback_data;
    PyObject *py_pk11_pin_args;
    PyObject *py_handshake_callback;
    PyObject *py_handshake_callback_data;
    PyObject *py_client_auth_data_callback;
    PyObject *py_client_auth_data_callback_data;
} SSLSocket;

#define PySSLSocket_Check(op) PyObject_TypeCheck(op, &SSLSocketType)

typedef struct {
    PyTypeObject *sslsocket_type;
} PyNSS_SSL_C_API_Type;

#ifdef NSS_SSL_MODULE
static PyTypeObject SSLSocketType;
#else /* not NSS_SSL_MODULE */
static PyNSS_SSL_C_API_Type nss_ssl_c_api;
#define SSLSocketType (*nss_ssl_c_api.sslsocket_type)
#endif

static int
import_nss_ssl_c_api(void)
{
    PyObject *module = NULL;
    PyObject *c_api_object = NULL;
    void *api = NULL;
    if ((module = PyImport_ImportModule("nss.ss;")) == NULL)
        return -1;
    if ((c_api_object = PyObject_GetAttrString(module, "_C_API")) == NULL) {
        Py_DECREF(module);
        return -1;
    }
    if (!(PyCObject_Check(c_api_object))) {
        Py_DECREF(c_api_object);
        return -1;
    }

    if ((module = PyImport_ImportModule("nss.ss;")) == NULL)
        return -1;
    if ((c_api_object = PyObject_GetAttrString(module, "_C_API")) == NULL) {
        Py_DECREF(module);
        return -1;
    }
    if (!(PyCObject_Check(c_api_object))) {
        Py_DECREF(c_api_object);
        return -1;
    }

    return 0;
}
Py_DECREF(c_api_object);
Py_DECREF(module);
return -1;
}

if ((api = PyCObject_AsVoidPtr(c_api_object)) == NULL) {
    Py_DECREF(c_api_object);
    Py_DECREF(module);
    return -1;
}

memcpy(&nss_ssl_c_api, api, sizeof(nss_ssl_c_api));
Py_DECREF(c_api_object);
Py_DECREF(module);
return 0;
}

#endif /* NSS_SSL_MODULE */

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Metadata-Version: 1.0
Name: python-nss
Version: 0.13
Summary: Python bindings for Network Security Services (NSS) and Netscape Portable Runtime (NSPR)
Author: John Dennis
Author-email: jdennis@redhat.com
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Description:
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1.139 python-setuptools 1.1.6
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# Module doctest.
# Released to the public domain 16-Jan-2001, by Tim Peters (tim@python.org).
# Major enhancements and refactoring by:
#     Jim Fulton
#     Edward Loper

1.140 python-tz 2011n
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1.144 samba 3.6.13

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1.147 sed 4.2.1 :5.el6

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#
# from: @(#)sed.test8.1 (Berkeley) 6/6/93
#$NetBSD: sed.test,v 1.3 1997/01/09 20:21:37 tls Exp $
#
# sed Regression Tests

# Modified by Paolo Bonzini to:
# - not warn about buggy sed
# - run tests once instead of comparing them to the system sed
# - remove most uses of awk
# - cleanup at exit
# - comment tests that broke because of extensions

main()
{
  TEST="${1-../sed/sed}"
  TESTLOG="${2-sed.out}"
  DICT="${3-/usr/share/dict/words}"

  : > lines1
  : > lines2
  for i in 1 2 3 4 5 6 7 8 9; do
    echo l1_${i} >> lines1
    echo l2_${i} >> lines2
  done
  for i in 10 11 12 13 14; do
    echo l1_${i} >> lines1
  done

  # Set these flags to get messages about known problems
  tests "TEST" "$TESTLOG"
Open Source Used In Cisco TelePresence Video Communication Server X8.1.2

1130

rm -f lines[1234] script[12]
}

tests()
{
SED="$1"
LOG="$2"
MARK=100
rm -f "$LOG"

echo 3>&0 4>&1 5>&2
exec 0<dev/null 1>/dev/null 2>/dev/null
test_error
exec 0>&3 1>&4 2>&5

echo 4>&1 5>&2
test_args
test_addr
test_group
test_acid
test_branch
test_pattern
test_print
test_subst
exec 1>&4 2>&5
}

mark()
{
exec 2>&1 >>$LOG
test $MARK = 100 || echo
MARK=`expr $MARK + 1`
echo "Test $1:$MARK" | sed 's/./=/g'
echo "Test $1:$MARK"
echo "Test $1:$MARK" | sed 's/./=/g'
}

test_args()
{
mark '1.1'
echo Testing argument parsing
echo First type
$SED 's//e1_/p' lines1
mark '1.2' ; $SED -n 's//e1_/p' lines1
mark '1.3' ; $SED 's//e1_/p' >lines1
mark '1.4' ; $SED -n 's//e1_/p' <lines1
echo Second type
mark '1.4.1'
$SED -e " <lines1
echo 's/^/s1_/p' >script1
mark '1.5' ; $SED -f script1 <lines1
mark '1.6' ; $SED -f script1 <lines1
mark '1.7' ; $SED -e 's/^/e1_/p' <lines1
mark '1.8' ; $SED -e 's/^/e1_/p' <lines1
mark '1.9' ; $SED -n -f script1 <lines1
mark '1.10' ; $SED -n -f script1 <lines1
mark '1.11' ; $SED -n -e 's/^/e1_/p' <lines1
mark '1.12' ; $SED -n -e 's/^/e1_/p' <lines1
mark '1.13' ; $SED -e 's/^/e1_/p' -e 's/^/e2_/p' <lines1
mark '1.14' ; $SED -f script1 -f script2 <lines1
mark '1.15' ; $SED -e 's/^/e1_/p' -f script1 <lines1
mark '1.16' ; $SED -e 's/^/e1_/p' <lines1
mark '1.17' ; $SED p <lines1 <lines1
cat >script1 <EOF
# A comment
p
EOF
mark '1.18' ; $SED -f script1 <lines1 <lines1
}

test_addr()
{
  echo Testing address ranges
mark '2.1' ; $SED -n -e '4p' <lines1
mark '2.2' ; $SED -n -e '20p' <lines1 <lines2
mark '2.3' ; $SED -n -e '$p' <lines1
mark '2.4' ; $SED -n -e '$p' <lines1 <lines2
mark '2.5' ; $SED -n -e '$a\nhello' /dev/null
mark '2.6' ; $SED -n -e '$p' <lines1 /dev/null <lines2
# Should not print anything
mark '2.7' ; $SED -n -e '20p' <lines1
# Disabled because it is undefined behavior
mark '2.8' ; $SED -n -e '0p' <lines1
mark '2.9' ; $SED -n '/11_7/p' <lines1
mark '2.10' ; $SED -n '/11_7/p' <lines1
mark '2.11' ; $SED -n '/11_7/p' <lines1
mark '2.12' ; $SED -n '1,4p' <lines1
mark '2.13' ; $SED -n '1,Sp' <lines1 <lines2
mark '2.14' ; $SED -n '1.12_9/p' <lines1 <lines2
mark '2.15' ; $SED -n '/4/Sp' <lines1 <lines2
mark '2.16' ; $SED -n '/4/,20p' lines1 lines2
mark '2.17' ; $SED -n '/4/,/10/p' lines1 lines2
mark '2.18' ; $SED -n '/12_3/,/11_8/p' lines1 lines2
mark '2.19' ; $SED -n '12,3p' lines1 lines2
mark '2.20' ; $SED -n '/11_7/,3p' lines1 lines2
}

test_group()
{
    echo Brace and other grouping
    mark '3.1' ; $SED -e '
        4,12 {
            s/^/^/
            s/$/$/
            s/_/T/
        } lines1
    mark '3.2' ; $SED -e '
        4,12 {
            s/^/^/
            /6/,/10/ {
                s/$/$/
                /8/ s/_/T/
            }
        } lines1
    mark '3.3' ; $SED -e '
        4,12 {!{
            s/^/^/
            /6/,/10/ {!{
                s/$/$/
                /8/ !s/_/T/
            }
        } lines1
    mark '3.4' ; $SED -e '4,12!s/^/^/' lines1
}

test_acid()
{
    echo Testing a c d and i commands
    mark '4.1' ; $SED -n -e '
        s/^/before_i/p
        20i
        inserted
        s/^/after_i/p
        ' lines1 lines2
    mark '4.2' ; $SED -n -e '
        5,12s/^/5-12/
        s/^/before_a/p
        /5-12/a'

appended
s/^after_a/p
' lines1 lines2
mark '4.3' ; $SED -n -e
s/^/after_a/p
' lines1 lines2
mark '4.4' ; $SED -n -e
' lines1
mark '4.5' ; $SED -n -e
' lines1
mark '4.6' ; $SED -n -e
' lines1
mark '4.7' ; $SED -n -e
' lines1
mark '4.8' ; $SED d <lines1
}

test_branch()
{
echo Testing labels and branching
mark '5.1' ; $SED -n -e
b label4
:lable3
s/^/label3_/p
b end
:lable4
2,12b label1
b label2
:lable1
s/^/label1_/p
b
:lable2
s/^/label2_/p
b label3
:end
' lines1
mark '5.2'; $SED -n -e 's/l1_/l2_/t ok b :ok s/^/tested /p ' lines1 lines2 mark '5.3'; $SED -n -e '5,8b inside 1,5 { s/^/^/p :inside s/S/S/p } ' lines1 # Check that t clears the substitution done flag mark '5.4'; $SED -n -e '1,8s/^/^/ t 11 :11 t 12 s/S/S/p b :12 s/^ERROR/ ' lines1 # Check that reading a line clears the substitution done flag mark '5.5'; $SED -n -e 't 12 1,8s/^/^/p 2,7N b :12 s/^ERROR/p ' lines1 mark '5.6'; $SED 5q lines1 mark '5.7'; $SED -e ' 5\n hello 5q' lines1 # Branch across block boundary mark '5.8'; $SED -e ' { :b } s/l/m/ tb' lines1 }
test_pattern()
{
  echo Pattern space commands
  # Check that the pattern space is deleted
  mark '6.1' ; $SED -n -e '
  changed
  P
  ' lines1
  mark '6.2' ; $SED -n -e '
  4d
  P
  ' lines1
  mark '6.3' ; $SED -e '
  N
  N
  D
  P
  4p
  ' lines1
  mark '6.4' ; $SED -e '
  2h
  3h
  4g
  5G
  6x
  6p
  6x
  6p
  ' lines1
  mark '6.5' ; $SED -e '4n' lines1
  mark '6.6' ; $SED -n -e '4n' lines1
}

test_print()
{
  echo Testing print and file routines
  awk 'END {for (i = 1; i < 256; i++) printf("\%c", i); print "\n")}'
  </dev/null >lines3
  mark '7.1' ; $SED -n 1 lines3
  mark '7.2' ; $SED -e '/l2_/'=' lines1 lines2
  rm -f lines4
  mark '7.3' ; $SED -e '3,12w lines4' lines1
  echo w results
  cat lines4
  mark '7.4' ; $SED -e '4r lines2' lines1
mark '7.5'; $SED -e '5r /dev/dds' lines1
mark '7.6'; $SED -e '6r /dev/null' lines1
# mark '7.7'
# sed '200q' $DICT | sed 's$.*$s/^/&/w tmpdir/&$' >script1
# rm -rf tmpdir
# mkdir tmpdir
# $SED -f script1 lines1
# cat tmpdir/*
# rm -rf tmpdir
mark '7.8'
echo line1 > lines3
echo "" >> lines3
$SED -n -e '$p' lines3 /dev/null
}

test_subst()
{
    echo Testing substitution commands
    mark '8.1'; $SED -e 's/.X/g' lines1
    mark '8.2'; $SED -e 's...X,g' lines1
    mark '8.3'; $SED -e 's\.X,g' lines1
    # POSIX does not say that this should work
    #mark '8.4'; $SED -e 's/[l]/Q/' lines1
    mark '8.4'; $SED -e 's/[l]/Q/' lines1
    mark '8.5'; $SED -e 's\_X_' lines1
    mark '8.6'; $SED -e 's/.(/&)/g' lines1
    mark '8.7'; $SED -e 's/.(/&)/g' lines1
    mark '8.8'; $SED -e 's/(\&)(\&)/x3x\2x\1/g' lines1
    mark '8.9'; $SED -e 's_/u0\u1\u2/g' lines1
    mark '8.10'; $SED -e 's/./X/4' lines1
    rm -f lines4
    mark '8.11'; $SED -e 's/1/X/w lines4' lines1
    echo s wfile results
cat lines4
    mark '8.12'; $SED -e 's/[123]X/g' lines1
    mark '8.13'; $SED -e 'y/0123456789/9876543210/' lines1
    mark '8.14'; $SED -e 'y10123456789198765432101' lines1
    mark '8.15'; $SED -e '1N;2y/n/X/' lines1
    mark '8.16'
echo 'eeefff' | $SED -e 'p' -e 's/e/X/p' -e ':x' \n    -e 's/Y/p' -e '/b\x'
    mark '8.17'; $SED -e 's&.&&&g' lines1
}

test_error()
{
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1.154 stringencoders 3.10.3

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* Tsirigotis <panos@alumni.cs.colorado.edu> for xinetd.
* /

/**
 * @file apr_base64.h
 * @brief APR-UTIL Base64 Encoding
 */
#endif
#ifndef APR_BASE64_H
#define APR_BASE64_H

#include "apr.h"
#include "apr_general.h"
#define APU_DECLARE(x) x
#ifdef __cplusplus
extern "C" {
#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 base64 encoding.
 * @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 base64 encoding.
 * @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);

/** @} */
#define __cplusplus

}
1.155 suds 0.4

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====

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support for the IEEE Link Discovery Protocol as per 802.1AB

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IEEE and TIA extensions by Carles Kishimoto <carles.kishimoto@gmail.com>
DCBX extensions by Kaladhar Musunuru <kaladharm@sourceforge.net>

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Support for splitting captures into multiple files with a maximum
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Functions for signature and digest verification.

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Optimized Link State Protocol (OLSR) as per rfc3626

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Original code by Hannes Gredler (hannes@juniper.net)

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Format and print trivial file transfer protocol packets.

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support for the IEEE "slow protocols" LACP, MARKER as per 802.3ad
OAM as per 802.3ah

Original code by Hannes Gredler (hannes@juniper.net)

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Hacked version of print-ether.c Larry Lile <lile@stdio.com>

Further tweaked to more closely resemble print-fddi.c
   Guy Harris <guy@alum.mit.edu>

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support for the The RPKI/Router Protocol Protocol as per draft-ietf-sidr-rpki-rtr-12

Original code by Hannes Gredler (hannes@juniper.net)

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Kevin Steves <ks@hp.se> July 2000
Modified to:
- print version, type string and packet length
- print IP address count if > 1 (-v)
- verify checksum (-v)
- print authentication string (-v)

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Decode and print Zephyr packets.

http://web.mit.edu/zephyr/doc/protocol

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--Ben Greear (greearb@candelatech.com)
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1.181 zlib 1.2.5

1.181.1 Available under license :

/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.5, April 19th, 2010

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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://www.ietf.org/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

1.182 zope.interface 4.0.4

1.182.1 Available under license :

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