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## 1.2 bpalogin 2.0.1

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## 1.8 curl 7.19.4

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# 1.15 fakeroot 1.9.5

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I suppose 'libtricks' will take the quest of finding border-cases for the GPL yet one more (small) step forward. Does every dynamically linked executable fall under the GPL once someone said ``LD_PRELOAD=libtricks.so.0.0 executable'`?

That seems to be a rather strange interpretation of the GPL.

The way I (as author of libtricks) see it:

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- Only when you give away or sell copies of a program that is \_set up\_ to use this library (or needs it), that program will be considered a ``work based on the library'', and thus fall under GPL.

I've considered using LGPL, but I decided against that because

- I still don't quite understand it's terms.
- I actually don't want a program that really needs this library to be distributed with any other licence than (L)GPL.



joost witteveen.

For the tekst of the GPL, see /usr/doc/copyright/GPL of any debian system.

# 1.16 gcc-2007q1-21 4.2

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## 1.17 gdb 2007q1-21

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iconv (Charset Conversion Library) v2.0

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## 1.18 glibc-2007q1-21 2.5

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## 1.19 glibc-ports 2007q1-21

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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.

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

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That's all there is to it!

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## 1.21.1 Available under license :

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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.

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

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

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

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## 1.26 ipsec-tools-0.7.3 0.7.3

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For the top level install script:

```
# ltmain.sh - Provide generalized library-building support services.
# NOTE: Changing this file will not affect anything until you rerun configure.
#
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```

For the ipsec-tools library:

```
/* $NetBSD: ipsec_get_policylen.c,v 1.6.6.1 2007/08/01 11:52:17 vanhu Exp $ */
```

```
/* $KAME: ipsec_get_policylen.c,v 1.5 2000/05/07 05:25:03 itojun Exp $ */
```

```
/*
```

```
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```

```
*/
```

## 1.27 iptables 1.3.8

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<one line to give the program's name and a brief idea of what it does.>  
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```
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This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands ``show w'` and ``show c'` should show the appropriate  
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```
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```

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

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## 1.28 ipupdate 3.0.0

## 1.28.1 Available under license :

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Version 2, June 1991

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## 1.29 libiconv 2007q1-21

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Version 2, June 1991

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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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## 1.30 libusb-0.1.12 0.1.12

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## 1.34 Izma 4.57

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LZMA SDK 4.57

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

LZMA is an improved version of famous LZ77 compression algorithm.

It was improved in way of maximum increasing of compression ratio, keeping high decompression speed and low memory requirements for decompressing.

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## 1.39 ntpclient 345.0

### 1.39.1 Available under license :

ntpclient is an NTP (RFC-1305) client for unix-alike computers. Its functionality is a small subset of xntpd, but IMHO performs better (or at least has the potential to function better) within that limited scope. Since it is much smaller than xntpd, it is also more relevant for embedded computers.

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ntpclient home page: <http://doolittle.faludi.com/ntpclient/>

To build on Linux, type "make". Solaris and other Unix users will probably need to adjust the Makefile slightly. It's not complicated.

Usage: ntpclient [options]  
options:

- c count    stop after count time measurements (default 0 means go forever)
- d        print diagnostics (feature can be disabled at compile time)
- h hostname (mandatory) NTP server host, against which to measure system time
- i interval check time every interval seconds (default 600)
- l        attempt to lock local clock to server using adjtimex(2)
- p port    local NTP client UDP port (default 0 means "any available")
- r        replay analysis code based on stdin
- s        simple clock set (implies -c 1)

Mortal users can use this program for monitoring, but not clock setting (with the -s or -l switches). The -l switch has not been well tested. Simulation (with -r) actually looks halfway decent, so locking should be OK too, but it needs some tuning.

The test.dat file has 200 lines of sample output. Its first few lines, with the output column headers that are shown when the -d option is chosen, are:

```

day second elapsed stall skew dispersion freq
51785 180.386 1398.0 40.3 953773.9 793.5 -1240000
51785 780.382 1358.0 41.3 954329.0 915.5 -1240000
51785 1380.381 1439.0 56.0 954871.3 915.5 -1240000

```

day, second: time of measurement

elapsed: total time from query to response (microseconds)

stall: time the server reports that it sat on the request (microseconds)

skew: difference between local time and server time (microseconds)

dispersion: reported by server, see RFC-1305 (microseconds)

freq: local clock frequency adjustment (Linux only, ppm\*65536)

test.dat is suitable for piping into ntpclient -r. I have over 53000 samples (lines) archived for study, that I don't include here.

They are spaced 10 minutes apart, representing over a year of data logging (not continuous, unfortunately).

envelope is a perl script that I have used for my lock studies.

It's kind of a hack and not worth documenting here.

- Larry Doolittle <larry@doolittle.boa.org>

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\* The rest of the code is derived from MD5C.C by RSADSI. Minor cosmetic  
\* changes to accomodate it in the kernel by ji.

\* Minor changes to make 64 bit clean by Peter Onion (i.e. using u\_int\*\_t).

\*/

/\* MD5C.C - RSA Data Security, Inc., MD5 message-digest algorithm

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eui64.c - EUI64 routines for IPv6CP.

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\$Id: eui64.c,v 1.5 2000/08/05 06:46:47 paulus Exp \$

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## 1.46 rp-l2tp 0.4

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This is a user-space implementation of L2TP (RFC 2661) for Linux.

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Handlers

-----

Part of the l2tp code is implemented in the l2tpd program, and part of it is implemented as "handlers". A handler is a shared-object library which is dynamically linked into l2tpd at run-time using the

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## Installation

-----

```
./configure && make  
make install
```

Now read l2tpd(8) and l2tp.conf(5)  
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## 1.47 rp-pppoe 3.5

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## 1.48 sqlzma 3.4

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#
# LICENSE follows the described ones in lzma and squashfs.
```

```
# $Id: sqlzma.txt,v 1.37 2008-03-12 15:16:50 jro Exp $
```

```
LZMA patch for squashfs
Initial release: Junjiro Okajima
Update to 2.6.27.4: Petr Vokac
```

# 1.49 squashfs 3.4

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```

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## 1.51 traceroute 1.4a12

### 1.51.1 Available under license :

@(#) \$Id: README,v 1.9 2000/09/16 05:32:01 leres Exp \$ (LBL)

TRACEROUTE 1.4  
Lawrence Berkeley National Laboratory  
Network Research Group  
traceroute@ee.lbl.gov  
ftp://ftp.ee.lbl.gov/traceroute.tar.gz

Traceroute is a system administrators utility to trace the route ip packets from the current system take in getting to some destination system. See the comments at the front of the program for a description of its use.

This program uses raw ip sockets and must be run as root (or installed setuid to root).

A couple of awk programs to massage the traceroute output are included. "mean.awk" and "median.awk" compute the mean and median time to each hop, respectively. I've found that something like

```
traceroute -q 7 foo.somewhere >t  
awk -f median.awk t | xgraph
```

can give you a quick picture of the bad spots on a long path (median is usually a better noise filter than mean).

Problems, bugs, questions, desirable enhancements, source code



contributions, etc., should be sent to the email address

"traceroute@ee.lbl.gov".

/\*

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```

```
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## 1.59 zlib 1.2.3

### 1.59.1 Available under license :

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

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