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## 1.6 coreutils 2007q1-21

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```
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```
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```

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=====

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loginrec.h

atomicio.h

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## 1.14 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.

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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.

## 1.15 gdb 2007q1-21

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## 1.17 glibc\_localedef 2007q1-21

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Version 2, June 1991

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

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## 1.18 gmp 4.2.1

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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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- 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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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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## 1.27 libusb-0.1.12 0.1.12

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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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```
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```

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```
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`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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## 1.34 ntpclient 345.0

### 1.34.1 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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- \* @(#)radix.c 8.2 (Berkeley) 1/4/94
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```
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```

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```
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```

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

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## 1.41 rp-l2tp 0.4

### 1.41.1 Available under license :

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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 "load-handler" configuration directive.

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## Installation

-----

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

Now read l2tpd(8) and l2tp.conf(5)  
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```

```
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## 1.43 sqlzma 3.4

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```
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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
```

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## 1.46 traceroute 1.4a12

### 1.46.1 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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## 1.47 tzoupdate 1.12

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```
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## 1.53 wireless\_tools 29.0

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