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```

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```
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1.8 conntrack-tools 0.9.14

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```
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1.10 curl 7.19.4

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1.13 dnsmasq 1.10

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loginrec.h

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1.15 ebttables 2.0.8-2

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1.17 expat 2.0.1

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1.18 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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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.

1.19 gcc-2007q1-21 4.2

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1.20 gdb 2007q1-21

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1.21 glibc-2007q1-21 2.5

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1.22 glibc-ports 2007q1-21

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Version 2.1, February 1999

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

If such an object file uses only numerical parameters, data

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

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

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

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

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

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

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

d) Verify that the user has already received a copy of these

materials or that you have already sent this user a copy.

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

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

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1.24 gmp 4.2.1

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

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

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

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

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

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

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to

distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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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1.25 gsoap 2.6.2

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1.27 hso 26-v1.12

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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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```

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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 iproute2 2.6.22 - 070710

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```
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```
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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1.29 ipsec-tools-0.7.3 0.7.3

1.29.1 Available under license :

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.
#
# Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006,
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#
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# distribute this file as part of a program that contains a
# configuration script generated by Autoconf, you may include it under
# the same distribution terms that you use for the rest of that program.
```

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 $ */
```

```
/*
```

```
* Copyright (C) 1995, 1996, 1997, 1998, and 1999 WIDE Project.
```

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- */

1.30 iptables 1.3.8

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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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1.31 ipupdate 3.0.0

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```
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```

```
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Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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>
```

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

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

```
Gnomovision version 69, Copyright (C) 19yy name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.  
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 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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1.33 libiconv 2007q1-21

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Version 2, June 1991

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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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The reason we have a separate public license for some libraries is that

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

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

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

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

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

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

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under

copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

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

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

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

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

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

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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.

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

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

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<signature of Ty Coon>, 1 April 1990
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That's all there is to it!

1.34 libnetfilter_contrack 0.9.0

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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 Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) 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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- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to

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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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```

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```
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```

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

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1.35 libnfnetlink 1.0.0

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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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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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1.37 libusb-0.1.12 0.1.12

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1.38 libxml2 2.6.32

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1.40 LINUX Kernel 2.6.22.18

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```
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```
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```

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```
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```


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1.43 makedevs 0.0.01b

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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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```

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```

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```

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under certain conditions; type `show c' for details.
```

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

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1.47 netfilter 1.0

1.47.1 Available under license :

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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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If the program is interactive, make it output a short notice like this

when it starts in an interactive mode:

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

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1.48 ntpclient 345.0

1.48.1 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.

ntpclient is Copyright 1997, 1999, 2000 Larry Doolittle, and may be freely used and copied according to the terms of the GNU General Public License, version 2.

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

*/

1.52 pkg-config 0.25

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/*

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1.54 pptp-client 1.7.1

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```

```
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1.56 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 "load-handler" configuration directive.

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Installation

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

Now read l2tpd(8) and l2tp.conf(5)
GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

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1.57 rp-pppoe 3.5

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Ty Coon, President of Vice
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1.58 sqlzma 3.4

1.58.1 Available under license :

```
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# Copyright (C) 2006-2008 Tomas Matejcek, slax.org
#
# 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

1.59 squashfs 3.4

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1.60 sys_event 1.0

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```

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1.62 sysstat 9.0.3

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1.63 tcpdump-4.0.0 4.0.0

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1.64 traceroute 1.4a12

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@(#) \$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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1.65 tzoupdate 1.12

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tzoupdate - TZO client for (much) any version of UNIX or Linux

Version 1.12 released October 2008

Authors: Michael D. Foley (tzoupdate), Scott Prive (scripts, packaging)

INTRODUCTION

This is an all-new TZO client, portable to nearly any version of UNIX. This TZO client monitors your Internet IP (even if you are behind a gateway or border router), and updates TZO's DNS database as-needed.

As this a UNIX command line application, and as there are differences between versions of UNIX and versions of Linux, installation is done using your OS's software package manager, or in some cases you may need to compile the tzoupdate from scratch.

Once the tzoupdate application is installed, the client requires no maintenance as long as your TZO account is up-to-date (not expired).

IMPORTANT: Be sure you do not use/configure MORE than ONE TZO client at any network site. This means if you use TZO in your router, you do not need this client (choose only one client).

TZOUPDATE FEATURES

- * Tiny system requirements
- * Suitable for re-packaging for any UNIX, or custom installs. (SEE INSTALL guide)
- * Forced updates every 28 days are built in, to check for account expiration
- * Ability to use /tmp for logging
- * Functionality is divided between a core library (in C), and a wrapper shell script, allowing for easy customization or installs on niche platforms.
- * GPL (v2) license (if you make client customizations/moodifications, be sure the result complies with TZO Developer Guidelines).

INSTALLATION, POST-INSTALL CONFIGURATION, TESTING

Please see the INSTALL document.

TROUBLESHOOTING, READING/PARSING LOGFILES

The following files will exist in /tmp :

tzoup.txt - the tzoupdate cache file, which contains the value of your Internet IP at the moment tzo last updated.

tzolog.txt - output from the most recent execution of tzowrapper.sh.

If there is a FATAL ERROR which can not be resolved automatically by the client, then the client will create '/tmp/tzo-killfile', which stops the client.

Do not delete tzo-killfile until you review tzolog.txt and fix what caused the error.

For troubleshooting, the following legend (line prefix) is used within the logfile:

PREFIXES USED DURING CHECK IP STAGE

* = informational/verbose

> = client sending info to TZO

< = TZO server response

PREFIXES USED DURING UPDATE STAGE

** = informational/verbose

>> = client sending info to TZO

<< = TZO server response

Using the above, the logfiles can be understood. If you wish, you can use your own script to monitor and parse these logs, perhaps notifying you when the IP changes, if the killfile is ever created, etc.

More information on Troubleshooting can be found in INSTALL, or Support under TZO.COM.

SYSTEMS INTEGRATION NOTES

If installing tzoupdate for a third party, please be sure that party has documentation on the purpose and nature of the TZO client:

1) tzoupdate automatically detects the WAN IP (via outbound gateway).

If you intend to move or decommission this server at a later date, be sure to disable this TZO client. (Otherwise, you might for example power on at a repair shop, and cause your domain to 'move' to the wrong IP).

2) If the TZO account ever expires, someone WILL need to intervene and fix the installation (delete the tzokillfile, and reboot). If you are installing for a third party and will not be available to renew their TZO in 1 year, it may be best to subscribe at the 2 or 5 year option.

3) If needed for testing, you can temporarily disable TZO using this command:

```
touch /tmp/tzo-killfile
```

This will keep TZO disabled (even through reboots) until that file is removed.

OEM /DEVELOPER NOTES

This Please note that much of the core error-checking functions reside in tzowrapper.sh as well as tzoupdate. When porting tzoupdate to any platform the error checking (from both sources) must be preserved.

Please ensure compliance with the TZO Developer specification before redistributing. For more details, please see contact TZO Developer Support at devsupport@tzo.com and see <http://www.tzo.com/developer/>

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1.67 u-boot_env 1.1.4

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```

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```
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```

```
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```

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1.70 usb_modeswitch 0.9.7

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1.71 watch_dog 1.0

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```
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```

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```
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```

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