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Contents

1.1 bind 9.5.0 :29.b2.fc9
   1.1.1 Available under license
1.2 busybox 1.2.1
   1.2.1 Available under license
1.3 bzip2 1.0.5
   1.3.1 Available under license
1.4 CramFS Tools 1.1
   1.4.1 Available under license
1.5 dhcp 4.1.1 :P1
   1.5.1 Available under license
1.6 dhcp-helper 1.0
   1.6.1 Available under license
1.7 dhcpcd 1.3.18-pl8
   1.7.1 Available under license
1.8 dnsmasq 2.40
   1.8.1 Available under license
1.9 executive n/a
   1.9.1 Available under license
1.10 flex 2.5.4
   1.10.1 Available under license
1.11 gmp 4.2.1
   1.11.1 Available under license
1.12 iproute2 2.6.10
   1.12.1 Available under license
1.13 ipsec-tools 0.6.5 :9.el5
   1.13.1 Available under license
1.14 iptables 1.3.7 :2.0.0.0801182
   1.14.1 Available under license
1.15 ipupdate 3.0.11b7
   1.15.1 Available under license
1.16 krb5 1.3.1
   1.16.1 Available under license
1.17 libupnp 1.3.1
   1.17.1 Available under license
1.18 linux 2.6.16.26
   1.18.1 Available under license
1.19 mDNSResponder 107.6
   1.19.1 Available under license
1.20 smtp-1.4.21 1.4.21
   1.20.1 Available under license
1.21 mtd 20050122
   1.21.1 Available under license
1.22 naptd 0.4.2
   1.22.1 Available under license
1.23 net-snmp 5.1.4.2
   1.23.1 Available under license
1.24 net-tools 1.60
   1.24.1 Available under license
1.25 nsd N/A
   1.25.1 Available under license
1.26 ntpclient 2000_345 :DUPLICATE
   1.26.1 Available under license
1.27 openldap 2.3.24
   1.27.1 Available under license
1.28 openssl 1.0.1t :1
   1.28.1 Notifications
   1.28.2 Available under license
1.29 pim6dd 0.2.1.0 :alpha15
   1.29.1 Available under license

1.30 PPP 2.4.3
   1.30.1 Available under license

1.31 pptpd 1.3.4
   1.31.1 Available under license

1.32 radvd 1.6 :1.el6
   1.32.1 Available under license

1.33 samba 3.0.22
   1.33.1 Available under license

1.34 samba-ubiqx 3.0.22
   1.34.1 Available under license

1.35 strongswan 4.0.4
   1.35.1 Available under license

1.36 stunnel 4.05
   1.36.1 Available under license

1.37 sysklogd 1.5
   1.37.1 Available under license

1.38 sysstat 8.1.5
   1.38.1 Available under license

1.39 tftp-hpa 0.48
   1.39.1 Available under license

1.40 u-boot 1.1.1
   1.40.1 Available under license

1.41 udhcp 0.9.7
   1.41.1 Available under license

1.42 zebra 0.93a :3
   1.42.1 Available under license

1.43 zlib 1.2.3
   1.43.1 Available under license

1.1 bind 9.5.0 :29.b2.fc9
1.1.1 Available under license :

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.5 of 10 December 2007

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long as you offer spare parts or customer support for that product
model, to give anyone who possesses the object code either (1) a
copy of the Corresponding Source for all the software in the
product that is covered by this License, on a durable physical
medium customarily used for software interchange, for a price no
more than your reasonable cost of physically performing this
conveying of source, or (2) access to copy the
Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the
written offer to provide the Corresponding Source. This
alternative is allowed only occasionally and noncommercially, and
only if you received the object code with such an offer, in accord
with subsection 6b.

d) Convey the object code by offering access from a designated
place (gratis or for a charge), and offer equivalent access to the
Corresponding Source in the same way through the same place at no
further charge. You need not require recipients to copy the
Corresponding Source along with the object code. If the place to
copy the object code is a network server, the Corresponding Source
may be on a different server (operated by you or a third party)
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e) Convey the object code using peer-to-peer transmission, provided
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A separable portion of the object code, whose source code is excluded
from the Corresponding Source as a System Library, need not be
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typical or common use of that class of product, regardless of the status
of the particular user or of the way in which the particular user
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1.24 net-tools 1.60

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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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Appendix: How to Apply These Terms to Your New Libraries

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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!

1.26 ntpclient 2000_345 :DUPLICATE

1.26.1 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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* 
* OpenSSL integration was taken from Emilia Kasper's work in ecp_nistp224.c.
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1.42 zebra 0.93a :3
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/* zlib.h -- interface of the 'zlib' general purpose compression library
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