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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 dhcpd 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.e15**
  - 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 msmtplib-1.4.21 1.4.21**
  - 1.20.1 Available under license
- 1.21 mtd 20050122**
  - 1.21.1 Available under license
- 1.22 napttd 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 1.0.1l :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.e16**

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**

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

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## 1.12 iproute2 2.6.10

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 *
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 *
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## 1.20 msmtplib-1.4.21 1.4.21

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- d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

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- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as

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) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

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@c The GNU General Public License.
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```

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@c This file is intended to be included within another document,
@c hence no sectioning command or @node.
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```
@heading Preamble
```

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## 1.24 net-tools 1.60

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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.

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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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## 1.35 strongswan 4.0.4

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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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<signature of Ty Coon>, 1 April 1989  
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## 1.42 zebra 0.93a :3

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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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## 1.43 zlib 1.2.3

### 1.43.1 Available under license :

License attached

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

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

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](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

\*/

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