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```
#!/bin/sh
```

```
#
```

```
# install - install a program, script, or datafile
```

```
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```

```
#
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```
#
```

```
# Calling this script install-sh is preferred over install.sh, to prevent
```

```
# `make' implicit rules from creating a file called install from it
```

```
# when there is no Makefile.
```

```
#
```

```
# This script is compatible with the BSD install script, but was written
```

```
# from scratch. It can only install one file at a time, a restriction
```

```
# shared with many OS's install programs.
```

```
#!/bin/sh
```

```
# Common stub for a few missing GNU programs while installing.
```

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# Francois Pinard <pinard@iro.umontreal.ca>, 1996.
```

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## 1.7 conntrack-tools 0.9 :13

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```
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```

```
*
```

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## 1.13 e2fsprogs 1.42.1 :2.fc9

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Theodore Ts'o  
23-June-2007

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\* <http://jquery.com/>

\*

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That's all there is to it!

/\* getrandom.c - Libgcrypt Random Number client

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# 1.30 libgpg-error 1.12 :2013-06-24 Werner Koch

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#!/bin/sh

# Configuration validation subroutine script.

# Copyright 1992-2013 Free Software Foundation, Inc.

timestamp='2013-02-12'

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## 1.31 libmxml 2.7 :2011-12-20

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```
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```

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```

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## 1.33 libnfnetlink 1.0.0

### 1.33.1 Available under license :

```
/* libnfnetlink.c: generic library for communication with netfilter  
*  
* (C) 2002-2006 by Harald Welte <laforge@gnumonks.org>  
* (C) 2006 by Pablo Neira Ayuso <pablo@netfilter.org>  
*  
* Based on some original ideas from Jay Schulist <jschlst@samba.org>  
*  
* Development of this code funded by Astaro AG (http://www.astaro.com)  
*  
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*  
* 2005-09-14 Pablo Neira Ayuso <pablo@netfilter.org>:  
*   Define structure nfnlhdr  
*   Added __be64_to_cpu function  
*   Use NFA_TYPE macro to get the attribute type  
*  
* 2006-01-14 Harald Welte <laforge@netfilter.org>:  
*   introduce nfnl_subsys_handle  
*  
* 2006-01-15 Pablo Neira Ayuso <pablo@netfilter.org>:  
*   set missing subsys_id in nfnl_subsys_open
```

- \* set missing nfnlh->local.nl\_pid in nfnl\_open
- \*
- \* 2006-01-26 Harald Welte <laforge@netfilter.org>:
- \* remove bogus nfnlh->local.nl\_pid from nfnl\_open ;)
- \* add 16bit attribute functions
- \*
- \* 2006-07-03 Pablo Neira Ayuso <pablo@netfilter.org>:
- \* add iterator API
- \* add replacements for nfnl\_listen and nfnl\_talk
- \* fix error handling
- \* add assertions
- \* add documentation
- \* minor cleanups
- \*/

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```

```
/* rtnl - rtnetlink utility functions
```

```
*
```

```
* (C) 2004 by Astaro AG, written by Harald Welte <hwelte@astaro.com>
```

```
*
```

```
* Adapted to nfnetlink by Eric Leblond <eric@inl.fr>
```

```
*
```

```
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```

```
*
```

```
*/
```

## 1.34 libnl 2.0

### 1.34.1 Available under license :

```
/*
```

```
* lib/route/pktloc.c Packet Location Aliasing
```

```
*
```

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## 1.35 libpcap 1.3.0 :Friday March 30, 2012.

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*
* @(#) $Header: /tcpdump/master/libpcap/pcap-bpf.h,v 1.50 2007-04-01 21:43:55 guy Exp $ (LBL)
*/
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#
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```

# 1.36 libupnp 1.6.19 :2013-11-14 Marcelo Roberto Jimenez

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## 1.40 libxml2 2.8.0

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/\*

\* hash.c: chained hash tables

\*

\* Reference: Your favorite introductory book on algorithms

\*

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\*

\* Author: breese@users.sourceforge.net

\*/

/\*

\* list.c: lists handling implementation

\*

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/\* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

\* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

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\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY interrupts us (except possibly for removal/insertion of the cable?)

\* 10/4/97 - began heavy inline documentation of the code. Corrected typos and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on

\* loss of link, and correctly re-enable PHY when link is

\* re-established. (put back CFG\_PHYIE)

\*

\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

\*

\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

\*

\* Linux driver for the IDT77201 NICStAR PCI ATM controller.

\* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

\* see init\_nicstar() for PHY initialization to change this. This driver

\* expects the Linux ATM stack to support scatter-gather lists

\* (skb->atm.iovnt != 0) for Rx skb's passed to vcc->push.

\*

\* Implementing minimal-copy of received data:

\* IDT always receives data into a small buffer, then large buffers

\* as needed. This means that data must always be copied to create

\* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

\* Fix is simple: make large buffers large enough to hold entire

\* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then

\* copy small buffer contents to head of large buffer.

\* Trick is to avoid fragmenting Linux, due to need for a lot of large

\* buffers. This is done by 2 things:

\* 1) skb->destructor / skb->atm.recycle\_buffer

\* combined, allow nicstar\_free\_rx\_skb to be called to

\* recycle large data buffers

\* 2) skb\_clone of received buffers

\* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation

\* details.

\*  
 \*  
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 \* M. Welsh, 6 July 1996  
 \*  
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## 1.45 ncurses 5.9

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## 1.46 ntpclient NA

### 1.46.1 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 complex. For changing the system clock frequency, only the Linux `adjtimex(2)` interface is implemented at this time. Non-Linux systems can only use ntpclient to measure time differences and set the system clock.

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)
- g goodness   causes ntpclient to stop after getting a result more accurate than goodness (microseconds, default 0 means go forever)
- 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 only seen serious testing in a low latency (less than 2 ms) Ethernet environment, although I also use it successfully with a cable modem (latency about 15 ms). Users in other environments should study ntpclient's behavior, and be prepared to adjust internal tuning parameters. A long description of how and why to use ntpclient is in the HOWTO file. ntpclient always sends packets to the server's UDP port 123.

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	00180.386	1398.0	40.3	953773.9	793.5	-1240000
51785	00780.382	1358.0	41.3	954329.0	915.5	-1240000
51785	01380.381	1439.0	56.0	954871.3	915.5	-1240000

day, second: time of measurement, UTC, relative to Unix epoch (Jan 1, 1970)

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,  $\text{ppm} \times 65536$ )



test.dat is suitable for piping into ntpclient -r. I have over 200000 samples (lines) archived for study, that I don't include here. They are generally spaced 10 minutes apart, representing over three years of data logging (from a variety of machines, and not continuous, unfortunately).

As a special, added bonus, I also include my adjtimex(1) program. See its man page and the HOWTO file for more information.

envelope is a perl script that I have used for my lock studies. It's kind of a hack and not worth documenting here.

Changes since the widely distributed ntpclient\_2000\_345 version:

- new -g option (has had limited testing)
- changed max frequency adjustment from 91 ppm to 150 ppm
- fixed "inconsistent" bug in phaselock.c triggered by large freq errors
- new files: HOWTO, adjtimex.c, adjtimex.1, rate.awk, log2date.pl
- minor source code cleanups
- source is now as 64-bit clean as practical; tested on Alpha
- optional patches provided by Andy Warner, see andyw.patch
- optional patches provided by Linksys, see linksys.patch
- removed unexplained and unreasonable 15020 day offset in date column

#### Bugs:

- Doesn't understand the LI (Leap second Indicator) field of an NTP packet
- Doesn't interact with adjtimex(2) status value

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

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## 1.50 picocom 1.7 :2012-02-21

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```
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```
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Send patches to sysvinit-devel@nongnu.org

The of the start-stop-daemon

- \* A rewrite of the original Debian's start-stop-daemon Perl script
- \* in C (faster - it is executed many times during system startup).
- \*
- \* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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## 1.58 tcpdump 4.1.1

### 1.58.1 Available under license :

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## 1.59 TSLib 1.0

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# 1.60 udev 164 :3

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# 1.63 upnp-IGD 1.0 :2007-02-07 Daniel J Blueman

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Command line parsing, decent usage/config output/handling, bugfixes and advanced options added by:

Joakim Wennergren (jokedst) (gmail.com)

TargetClass parameter implementation to support new Option devices/firmware:  
Paul Hardwick (<http://www.pharscape.org>)

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"usbsnoop2libusb.pl" by Timo Lindfors (<http://iki.fi/lindi/usb/usbsnoop2libusb.pl>)

Config file parsing stuff borrowed from:

Guillaume Dargaud (<http://www.gdargaud.net/Hack/SourceCode.html>)

Hexstr2bin function borrowed from:

Jouni Malinen ([http://hostap.epitest.fi/wpa\\_supplicant](http://hostap.epitest.fi/wpa_supplicant), from "common.c")

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## 1.66 zlib 1.2.3

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

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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).

\*/

## 1.67 zlib-1.2.3 1.2.3

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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