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## 1.3 bridge-utils 1.0.6

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

```
#
```

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

```
# This comes from X11R5 (mit/util/scripts/install.sh).
```

```
#
```

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#
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## 1.10 cryptsetup 1.0.7 :2009-07-22 Milan Broz

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## 1.13 device-mapper-libs 1.02.28 :(2008-09-18)

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That's all there is to it!

/\*

\* fopen.c --- unlike the libc popen, it directly executes the  
\* command instead of call out to the shell.

\*

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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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## 1.35 libnetfilter\_conntrack 0.0.100

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* Based on some original ideas from Jay Schulist <jschlst@samba.org>
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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

\*

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

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## 1.37 libpcap 0.9.4

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\* Point to Point Protocol (PPP) RFC1331

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```

* @(#) $Header: /tcpdump/master/libpcap/pcap1.h,v 1.2 2004/03/30 14:42:50 mcr Exp $ (LBL)
*/
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*
* Modifications made to accommodate the new SunOS4.0 NIT facility by
* Micky Liu, micky@cunixc.cc.columbia.edu, Columbia University in May, 1989.
* This module now handles the STREAMS based NIT.
*/

```

## 1.38 libxml2 2.7 :8

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*
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```

## 1.39 linux kernel 2.6.33.5

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/\* A Bison parser, made by GNU Bison 2.4.1. \*/

/\* Skeleton implementation for Bison's Yacc-like parsers in C

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/\* C LALR(1) parser skeleton written by Richard Stallman, by  
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Coda File System

Release 5

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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.
```

```
* http://www.hypermall.com/
```

```
* 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.iovcnt != 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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4. See MLD\_Proxy.cfg for configuration file
5. Run "./show\_stat" to print out statistics

Please contact Christophe Jelger (jelger@dpt-info.u-strasbg.fr) if you find a bug. I'll be happy to fix it.

## 1.45 mmiotool 1.00

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\*

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\*

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## 1.48 ntpclient NA :2003\_194

### 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.

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ntplib home page: <http://doolittle.faludi.com/ntplib/>

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 ntplib to measure time differences and set the system clock.

Usage: ntplib [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 ntplib 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 ntplib's behavior, and be prepared to adjust internal tuning parameters. A long description of how and why to use ntplib is in the HOWTO file. ntplib 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, ppm\*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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/\*\_

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## 1.57 Servlet API 2.4

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# 1.59 syslogd 1.5

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```
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```
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## 1.64 u-boot 1.1.6

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* =====
*
* Language: ANSI C
* Environment: Any
* Developer: Kendall Bennett
*
* Description: This file contains the code to handle debugging of the

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*
* Documentation:
* [1] Intel Corporation, "3 Volt Intel Strata Flash Memory 28F128J3A, 28F640J3A,
* 28F320J3A (x8/x16)", April 2002, Order Number: 290667-011
* [2] Intel Corporation, "3 Volt Synchronous Intel Strata Flash Memory 28F640K3, 28F640K18,
* 28F128K3, 28F128K18, 28F256K3, 28F256K18 (x16)", June 2002, Order Number: 290737-005
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Julian Seward, Cambridge, UK.  
jseward@acm.org  
bzip2/libbzip2 version 1.0 of 21 March 2000

This program is based on (at least) the work of:

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David Wheeler  
Peter Fenwick  
Alistair Moffat  
Radford Neal  
Ian H. Witten  
Robert Sedgewick  
Jon L. Bentley

For more information on these sources, see the manual.

--\*/

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Mode switching tool for controlling flip flop (multiple device) USB gear  
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Command line parsing, decent usage/config output/handling, bugfixes and advanced options added by:

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TargetClass parameter implementation to support new Option devices/firmware:

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.\" -----
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*
* less -F and tail -f cause a disk access every five seconds. This
* program avoids this problem by waiting for the file size to change.
* Hence, the file is not accessed, and the access time does not need to be
* flushed back to disk. This is sort of a "stealth" tail.
*/

```

# 1.69 wide-dhcpv6 NA :20080615

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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.

```

## 1.70 zlib 1.2.3

### 1.70.1 Available under license :

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