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Contents

1.1 bash 3.2

1.1.1 Available under license

1.2 busybox 1.13.1

1.2.1 Available under license

1.3 cracklib 2.8.12

1.3.1 Available under license

1.4 curl 7.18.2 :1

1.4.1 Available under license

1.5 diffutils 2.8.1

1.5.1 Available under license

1.6 e2fsprogs 1.39

1.6.1 Available under license

1.7 Expat XML parser 2.0.1

1.7.1 Available under license

1.8 expect 5.4.3

1.8.1 Available under license

1.9 freeradius-server 2.1.8

1.9.1 Available under license

1.10 freeradius-server-src-lib 2.1.8

1.10.1 Available under license

1.11 glibc 2.9

1.11.1 Available under license

1.12 gnupg 1.4.5

1.12.1 Available under license

1.13 hotplug 2004_03_29

1.13.1 Available under license

- 1.14 i2c-tools 3.0.2**
 - 1.14.1 Available under license
- 1.15 ipmiutil 2.3.3**
 - 1.15.1 Available under license
- 1.16 iptables 1.4.1**
 - 1.16.1 Available under license
- 1.17 kernel 2.6.29.1**
 - 1.17.1 Available under license
- 1.18 KVM inter-VM shared memory module 1**
 - 1.18.1 Available under license
- 1.19 libpcap 0.9.8**
 - 1.19.1 Available under license
- 1.20 libtecla 1.6.1**
 - 1.20.1 Available under license
- 1.21 libtecla 1.4.1**
 - 1.21.1 Available under license
- 1.22 Linux-Pam 1.0.1**
 - 1.22.1 Available under license
- 1.23 lm_sensors 3.0.2**
 - 1.23.1 Available under license
- 1.24 logrotate 3.7.7**
 - 1.24.1 Available under license
- 1.25 module-init-tools 3.2.2 :1.0.0.0900084**
 - 1.25.1 Available under license
- 1.26 Ncurses 5.6**
 - 1.26.1 Available under license
- 1.27 net-snmp 5.4.1**
 - 1.27.1 Available under license
- 1.28 NTP 4.2.4p5**
 - 1.28.1 Available under license
- 1.29 openssh-5.9p1 5.9p1**
 - 1.29.1 Available under license
- 1.30 pciutils 3.0.1**
 - 1.30.1 Available under license
- 1.31 procs 3.2.7**
 - 1.31.1 Available under license
- 1.32 sysfsutils 2.1.0**
 - 1.32.1 Available under license
- 1.33 sysstat 8.1.3**

- 1.33.1 Available under license
- 1.34 tcl 8.4.9**
 - 1.34.1 Available under license
- 1.35 tcl 8.4.9**
 - 1.35.1 Available under license
- 1.36 tcpdump 3.9.8 :1.0.1.0801182**
 - 1.36.1 Available under license
- 1.37 tipc 1.7.6-bundle**
 - 1.37.1 Available under license
- 1.38 util-linux 2.12r**
 - 1.38.1 Available under license
- 1.39 zlib 1.2.3**
 - 1.39.1 Available under license

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1.2 busybox 1.13.1

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Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006

1.3 cracklib 2.8.12

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1.4 curl 7.18.2 :1

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1.5 diffutils 2.8.1

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Theodore Ts'o
15-Mar-2003

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1.10 freeradius-server-src-lib 2.1.8

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1.11 glibc 2.9

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```

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```

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1.17 kernel 2.6.29.1

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```

```
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Ty Coon, President of Vice

That's all there is to it!

/* 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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1.18 KVM inter-VM shared memory module 1

1.18.1 Available under license :

Nahanni/ivshmem guest-code

(C) Cam Macdonell 2009-2011

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1.24 logrotate 3.7.7

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1.25 module-init-tools 3.2.2 :1.0.0.0900084

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```

```

-----
-- $Id: README,v 1.23 2006/04/22 22:19:37 tom Exp $
-----

```

README file for the ncurses package

See the file ANNOUNCE for a summary of ncurses features and ports.
 See the file INSTALL for instructions on how to build and install ncurses.
 See the file NEWS for a release history and bug-fix notes.
 See the file TO-DO for things that still need doing, including known bugs.

Browse the file misc/ncurses-intro.html for narrative descriptions of how to use ncurses and the panel, menu, and form libraries.

Browse the file doc/html/hackguide.html for a tour of the package internals.

ROADMAP AND PACKAGE OVERVIEW:

You should be reading this file in a directory called: ncurses-d.d, where d.d is the current version number (see the dist.mk file in this directory for that). There should be a number of subdirectories, including `c++', `form', `man', `menu', `misc', `ncurses', `panel', `progs', `test', `tack' and `Ada95'. (The `tack' program may be distributed separately).

A full build/install of this package typically installs several libraries, a handful of utilities, and a database hierarchy. Here is an inventory of the pieces:

The libraries are:

```

libncurses.a    (normal)
libncurses.so   (shared)

```

libncurses_g.a (debug and trace code enabled)

libncurses_p.a (profiling enabled)

libpanel.a (normal)

libpanel.so (shared)

libpanel_g.a (debug and trace code enabled)

libmenu.a (normal)

libmenu.so (shared)

libmenu_g.a (debug enabled)

libform.a (normal)

libform.so (shared)

libform_g.a (debug enabled)

If you configure using the `--enable-widec` option, a "w" is appended to the library names (e.g., `libncursesw.a`), and the resulting libraries support wide-characters, e.g., via a UTF-8 locale. The corresponding header files are compatible with the non-wide-character configuration; wide-character features are provided by `ifdef's` in the header files. The wide-character library interfaces are not binary-compatible with the non-wide-character version.

The ncurses libraries implement the curses API. The panel, menu and forms libraries implement clones of the SVr4 panel, menu and forms APIs. The source code for these lives in the ``ncurses'`, ``panel'`, ``menu'`, and ``form'` directories respectively.

In the ``c++'` directory, you'll find code that defines an interface to the curses, forms, menus and panels library packaged as C++ classes, and a demo program in C++ to test it. These class definition modules are not installed by the `'make install.libs'` rule as `libncurses++`.

In the ``Ada95'` directory, you'll find code and documentation for an Ada95 binding of the curses API, to be used with the GNAT compiler. This binding is built by a normal top-level `'make'` if `configure` detects an usable version of GNAT (3.11 or above). It is not installed automatically. See the Ada95 directory for more build and installation instructions and for documentation of the binding.

To do its job, the ncurses code needs your terminal type to be set in the environment variable `TERM` (normally set by your OS; under UNIX, `getty(1)` typically does this, but you can override it in your `.profile`); and, it needs a database of terminal descriptions in which to look up your terminal type's capabilities.

In older (V7/BSD) versions of curses, the database was a flat text file, `/etc/termcap`; in newer (USG/USL) versions, the database is a hierarchy of

fast-loading binary description blocks under /usr/lib/terminfo. These binary blocks are compiled from an improved editable text representation called `terminfo' format (documented in man/terminfo.5). The ncurses library can use either /etc/termcap or the compiled binary terminfo blocks, but prefers the second form.

In the `misc' directory, there is a text file terminfo.src, in editable terminfo format, which can be used to generate the terminfo binaries (that's what make install.data does). If the package was built with the --enable-termcap option enabled, and the ncurses library cannot find a terminfo description for your terminal, it will fall back to the termcap file supplied with your system (which the ncurses package installation leaves strictly alone).

The utilities are as follows:

```
tic      -- terminfo source to binary compiler
infocmp  -- terminfo binary to source decompiler/comparator
clear    -- emits clear-screen for current terminal
tput     -- shell-script access to terminal capabilities.
toe     -- table of entries utility
tset     -- terminal-initialization utility
```

The first two (tic and infocmp) are used for manipulating terminfo descriptions; the next two (clear and tput) are for use in shell scripts. The last (tset) is provided for 4.4BSD compatibility. The source code for all of these lives in the `progs' directory.

Detailed documentation for all libraries and utilities can be found in the `man' and `doc' directories. An HTML introduction to ncurses, panels, and menus programming lives in the `doc/html' directory. Manpages in HTML format are under `doc/html/man'.

The `test' directory contains programs that can be used to verify or demonstrate the functions of the ncurses libraries. See test/README for descriptions of these programs. Notably, the `ncurses' utility is designed to help you systematically exercise the library functions.

AUTHORS:

Pavel Curtis:

wrote the original ncurses

Zeyd M. Ben-Halim:

port of original to Linux and many enhancements.

Thomas Dickey (maintainer for 1.9.9g through 4.1, resuming with FSF's 5.0):

configuration scripts, porting, mods to adhere to XSI Curses in the

areas of background color, terminal modes. Also memory leak testing, the wresize, default colors and key definition extensions and numerous bug fixes (more than half of those enumerated in NEWS beginning with the internal release 1.8.9).

Florian La Roche (official maintainer for FSF's ncurses 4.2)

Beginning with release 4.2, ncurses is distributed under an MIT-style license.

Eric S. Raymond:

the man pages, infocmp(1), tput(1), clear(1), captinfo(1), tset(1), toe(1), most of tic(1), trace levels, the HTML intro, wgetnstr() and many other entry points, the cursor-movement optimization, the scroll-pack optimizer for vertical motions, the mouse interface and xterm mouse support, and the ncurses test program.

Juergen Pfeifer

The menu and form libraries, C++ bindings for ncurses, menus, forms and panels, as well as the Ada95 binding. Ongoing support for panel.

CONTRIBUTORS:

Alexander V. Lukyanov

for numerous fixes and improvements to the optimization logic.

David MacKenzie

for first-class bug-chasing and methodical testing.

Ross Ridge

for the code that hacks termcap parameterized strings into terminfo.

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for many patches and testing the optimization code.

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Keith Bostic (maintainer of 4.4BSD curses)

for help, criticism, comments, bug-finding, and being willing to deep-six BSD curses for this one when it grew up.

Richard Stallman,

for his commitment to making ncurses free software.

Countless other people have contributed by reporting bugs, sending fixes, suggesting improvements, and generally whining about ncurses :-)

BUGS:

See the INSTALL file for bug and developer-list addresses.

The Hacker's Guide in the doc directory includes some guidelines on how to report bugs in ways that will get them fixed most quickly.

1.27 net-snmp 5.4.1

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 15. [16]Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port
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 32. [35]David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics;

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33. [36]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port
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 42. [46]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
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 44. [48]Michael Shields <shields@tembel.org> USNO clock driver
 45. [49]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
 46. [50]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
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October 1996

April 1997

October 2000

1.29 openssh-5.9p1 5.9p1

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1.31 procps 3.2.7

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```
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```

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1.34 tcl 8.4.9

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1.36 tcpdump 3.9.8 :1.0.1.0801182

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1.37 tipc 1.7.6-bundle

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*/
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*
* client_tipc.c
*
* Short description: TIPC benchmark demo (client side)
*
* -----
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 *
 * -----
 */

1.38 util-linux 2.12r

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1.39 zlib 1.2.3

1.39.1 Available under license :

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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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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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