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Package List

パッケージリスト

alsa-conf-base	glibc-gconv
alsa-conf	glibc-gconv-utf-16
alsa-lib	glib-networking
alsa-utils-alsactl	gstreamer1.0-libav
alsa-utils-alsamixer	gstreamer1.0-plugins-bad-aiff
alsa-utils-amiixer	gstreamer1.0-plugins-bad-bluez
alsa-utils-aplay	gstreamer1.0-plugins-bad-faac
avahi-autoipd	gstreamer1.0-plugins-bad-mms
base-files	gstreamer1.0-plugins-bad-mpegtsdemux
base-passwd	gstreamer1.0-plugins-bad-mpg123
bluez5	gstreamer1.0-plugins-bad-opus
busybox	gstreamer1.0-plugins-bad-rawparse
ca-certificates	gstreamer1.0-plugins-bad-sbc
cdparanoia	gstreamer1.0-plugins-bad
dbus-1	gstreamer1.0-plugins-base-adder
devmem2	gstreamer1.0-plugins-base-alsa
directfb	gstreamer1.0-plugins-base-audioconvert
dleyna-connector-dbus	gstreamer1.0-plugins-base-audiorate
dleyna-server	gstreamer1.0-plugins-base-audioresample
eject	gstreamer1.0-plugins-base-audiotestsrc
eglibc-gconv	gstreamer1.0-plugins-base-cdparanoia
eglibc-gconv-utf-16	gstreamer1.0-plugins-base-encodebin
faac	gstreamer1.0-plugins-base-ogg

gstreamer1.0-plugins-base-playback	libgcrypt
gstreamer1.0-plugins-base-tcp	libgee-0.8-2
gstreamer1.0-plugins-base	libglib-2.0-0
gstreamer1.0-plugins-base-typefindfunctions	libgmp10
gstreamer1.0-plugins-base-volume	libgnutls28
gstreamer1.0-plugins-base-vorbis	libgpg-error0
gstreamer1.0-plugins-good-apetag	libgssdp-1.0-3
gstreamer1.0-plugins-good-audioparsers	libgstaudio-1.0-0
gstreamer1.0-plugins-good-autodetect	libgstcodecparsers-1.0-0
gstreamer1.0-plugins-good-debug	libgstmpegts-1.0-0
gstreamer1.0-plugins-good-flac	libgstpbutils-1.0-0
gstreamer1.0-plugins-good-icydemux	libgstriff-1.0-0
gstreamer1.0-plugins-good-id3demux	libgstrtp-1.0-0
gstreamer1.0-plugins-good-isomp4	libgstrtp-1.0-0
gstreamer1.0-plugins-good-level	libgstsdsp-1.0-0
gstreamer1.0-plugins-good-mp4mux	libgsttag-1.0-0
gstreamer1.0-plugins-good-multifile	libgstvideo-1.0-0
gstreamer1.0-plugins-good-multipart	libgupnp-1.0-4
gstreamer1.0-plugins-good-rtpmanager	libgupnp-av-1.0-2
gstreamer1.0-plugins-good-rtp	libjson-sax1.0
gstreamer1.0-plugins-good-souphttpsrc	libkmod2
gstreamer1.0-plugins-good	liblzo2-2
gstreamer1.0-plugins-good-udp	libmms0
gstreamer1.0-plugins-good-wavenc	libnl-3-200
gstreamer1.0-plugins-good-wavparse	libnl-3-cli
gstreamer1.0-plugins-ugly-asf	libnl-3-genl
gstreamer1.0-plugins-ugly	libnl-nf-3-200
gstreamer1.0	libnl-route-3-200
gupnp-dlna	libopkg1
hostap-daemon	libqtcoree4
htop	libqtdbuse4
init-ifupdown	libqtnetworke4
initscripts-functions	libqtxml4
initscripts	libreadline5
kernel-4.1.18	libsoup-2.4
kernel-image-3.19.0	libstdc++6
kernel-module-btmrvl-sdio	libsysfs2
kernel-module-btmrvl	libts-1.0-0
kernel-module-mwifiex-sdio	libudev0
kernel-module-mwifiex	libusb-0.1-4
kernel-module-snd-hwdep	libusb-1.0-0
kernel-module-snd-rawmidi	libuuid1
kernel-module-snd-usb-audio	mpg123
kernel-module-snd-usbmidi-lib	mtd-utils
kmod	mtd-utils-ubifs
libasound2	netbase
libasound-module-bluez	nettle
libattr1	procps
libavahi-qt4-autoipd	psplash-default
libblkid1	psplash
libc6	QBluetooth
libcap2	rsync
libdaemon0	rygel
libdbus-1-3	sbc
libdley-na-core-1.0-4	shared-mime-info-data
libdley-na-server-1.0-1	shared-mime-info
libflac8	sysfsutils
libfreetype6	sysvinit-inittab
libgcc1	sysvinit-pidof

sysvinit
taglib
tslib-conf
u-boot-stream800-fw-utils
udev-cache
udev
udev-utils

update-alternatives-opkg
update-rc.d
usbutils-ids
usbutils
util-linux-sulogin
wireless-tools

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Package List

パッケージリスト

ca-certificates
taglib
wireless-tools

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cdparanoia

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curve25519-donna: Curve25519 elliptic curve, public key function

<http://code.google.com/p/curve25519-donna/>

Adam Langley <agl@imperialviolet.org>

Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to>

More information about curve25519 can be found here

<http://cr.yp.to/ecdh.html>

djb’s sample implementation of curve25519 is written in a special assembly language called qasm and uses the floating point registers.

This is, almost, a clean room reimplementation from the curve25519 paper. It uses many of the tricks described therein. Only the crecip function is taken from the sample implementation.

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libdaemon

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libformw5

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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:

<code>libncurses.a</code>	(normal)
<code>libncurses.so</code>	(shared)
<code>libncurses_g.a</code>	(debug and trace code enabled)
<code>libncurses_p.a</code>	(profiling enabled)
<code>libpanel.a</code>	(normal)
<code>libpanel.so</code>	(shared)
<code>libpanel_g.a</code>	(debug and trace code enabled)
<code>libmenu.a</code>	(normal)
<code>libmenu.so</code>	(shared)
<code>libmenu_g.a</code>	(debug enabled)
<code>libform.a</code>	(normal)
<code>libform.so</code>	(shared)
<code>libform_g.a</code>	(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 `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:

<code>tic</code>	-- <code>terminfo</code> source to binary compiler
<code>infocmp</code>	-- <code>terminfo</code> binary to source decompiler/comparator
<code>clear</code>	-- emits clear-screen for current terminal
<code>tput</code>	-- shell-script access to terminal capabilities.
<code>toe</code>	-- table of entries utility
<code>tset</code>	-- 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 writing and sending the panel library.

Hellmuth Michaelis,

for many patches and testing the optimization code.

Eric Newton, Ulrich Drepper, and Anatoly Ivasyuk:
the C++ code.

Jonathan Ross,

for lessons in using sed.

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.

libfreetype6

The git archive doesn't contain pre-built configuration scripts for UNIXish platforms. To generate them say

```
sh autogen.sh
```

which in turn depends on the following packages:

automake (1.10.1)

libtool (2.2.4)

autoconf (2.62)

The versions given in parentheses are known to work. Newer versions should work too, of course. Note that autogen.sh also sets up proper file permissions for the 'configure' and auxiliary scripts.

The autogen.sh script now checks the version of above three packages whether they match the numbers above. Otherwise it will complain and suggest either upgrading or using an environment variable to point to a more recent version of the required tool(s).

Note that 'aclocal' is provided by the 'automake' package on Linux, and that 'libtoolize' is called 'glibtoolize' on Darwin (OS X).

For static builds which don't use platform specific optimizations, no configure script is necessary at all; saying

```
make setup ansi
```

```
make
```

should work on all platforms which have GNU make (or makepp).

Similarly, a build with 'cmake' can be done directly from the git repository.

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libjpeg9

The Independent JPEG Group's JPEG software

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README for release 8d of 15-Jan-2012
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This distribution contains the eighth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

This software is the work of Tom Lane, Guido Vollbeding, Philip Gladstone, Bill Allombert, Jim Boucher, Lee Crocker, Bob Friesenhahn, Ben Jackson, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the ISO/IEC JTC1/SC29/WG1 standards committee (also known as JPEG, together with ITU-T SG16).

DOCUMENTATION ROADMAP

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This file contains the following sections:

OVERVIEW	General description of JPEG and the IJG software.
LEGAL ISSUES	Copyright, lack of warranty, terms of distribution.
REFERENCES	Where to learn more about JPEG.
ARCHIVE LOCATIONS	Where to find newer versions of this software.
ACKNOWLEDGMENTS	Special thanks.
FILE FORMAT WARS	Software *not* to get.
TO DO	Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.txt	How to configure and install the IJG software.
usage.txt	Usage instructions for cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom.
*.1	Unix-style man pages for programs (same info as usage.txt).
wizard.txt	Advanced usage instructions for JPEG wizards only.
change.log	Version-to-version change highlights.

Programmer and internal documentation:

libjpeg.txt	How to use the JPEG library in your own programs.
example.c	Sample code for calling the JPEG library.
structure.txt	Overview of the JPEG library's internal structure.
filelist.txt	Road map of IJG files.
coderrules.txt	Coding style rules --- please read if you contribute code.

Please read at least the files install.txt and usage.txt. Some information can also be found in the JPEG FAQ (Frequently

Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

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This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG (pronounced “jay-peg”) is a standardized compression method for full-color and gray-scale images.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren’t implemented yet. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications “cjpeg” and “djpeg”, which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.

We have also included “jpegtran”, a utility for lossless transcoding between different JPEG processes, and “rdjpgcom” and “wrjpgcom”, two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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The Unix configuration script “configure” was produced with GNU Autoconf.

It is copyright by the Free Software Foundation but is freely distributable.

The same holds for its supporting scripts (config.guess, config.sub, ltmain.sh). Another support script, install-sh, is copyright by X Consortium but is also freely distributable.

The IJG distribution formerly included code to read and write GIF files.

To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce “uncompressed GIFs”. This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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REFERENCES

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We recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. “The JPEG Still Picture Compression Standard”, Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don’t have the CACM issue handy, a PostScript file containing a revised version of Wallace’s article is available at <http://www.ijg.org/files/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in “The Data Compression Book” by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don’t know much about data compression in general. The book’s JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you’ve got one here...

The best currently available description of JPEG is the textbook “JPEG Still Image Data Compression Standard” by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). Although this is by far the most detailed and comprehensive exposition of JPEG publicly available, we point out that it is still missing an explanation of the most essential properties and algorithms of the underlying DCT technology. If you think that you know about DCT-based JPEG after reading this book, then you are in delusion. The real fundamentals and corresponding potential of DCT-based JPEG are not publicly known so far, and that is the reason for all the mistaken developments taking place in the image coding domain.

The original JPEG standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance

testing methods. Part 1 is titled “Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines” and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled “Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing” and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

IJG JPEG 8 introduces an implementation of the JPEG SmartScale extension which is specified in two documents: A contributed document at ITU and ISO with title “ITU-T JPEG-Plus Proposal for Extending ITU-T T.81 for Advanced Image Coding”, April 2006, Geneva, Switzerland. The latest version of this document is Revision 3. And a contributed document ISO/IEC JTC1/SC29/WG1 N 5799 with title “Evolution of JPEG”, June/July 2011, Berlin, Germany.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the “JFIF” conventions, revision 1.02. JFIF 1.02 has been adopted as an Ecma International Technical Report and thus received a formal publication status. It is available as a free download in PDF format from <http://www.ecma-international.org/publications/techreports/E-TR-098.htm>. A PostScript version of the JFIF document is available at <http://www.ijg.org/files/jfif.ps.gz>. There is also a plain text version at <http://www.ijg.org/files/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems.

IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from <http://www.ijg.org/files/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note’s design. Although IJG’s own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note.

ARCHIVE LOCATIONS

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The “official” archive site for this software is www.ijg.org. The most recent released version can always be found there in directory “files”. This particular version will be archived as <http://www.ijg.org/files/jpegsrc.v8d.tar.gz>, and in Windows-compatible “zip” archive format as <http://www.ijg.org/files/jpegsrc8d.zip>.

The JPEG FAQ (Frequently Asked Questions) article is a source of some general information about JPEG. It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: <ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/>. If you don’t have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body
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send usenet/news.answers/jpeg-faq/part2

ACKNOWLEDGMENTS

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Thank to Juergen Bruder for providing me with a copy of the common DCT algorithm article, only to find out that I had come to the same result in a more direct and comprehensible way with a more generative approach.

Thank to Istvan Sebestyen and Joan L. Mitchell for inviting me to the ITU JPEG (Study Group 16) meeting in Geneva, Switzerland.

Thank to Thomas Wiegand and Gary Sullivan for inviting me to the Joint Video Team (MPEG & ITU) meeting in Geneva, Switzerland.

Thank to Thomas Richter and Daniel Lee for inviting me to the ISO/IEC JTC1/SC29/WG1 (also known as JPEG, together with ITU-T SG16) meeting in Berlin, Germany.

Thank to John Korejwa and Massimo Ballerini for inviting me to fruitful consultations in Boston, MA and Milan, Italy.

Thank to Hendrik Elstner, Roland Fassauer, Simone Zuck, Guenther Maier-Gerber, Walter Stoeber, Fred Schmitz, and Norbert Braunagel for corresponding business development.

Thank to Nico Zschach and Dirk Stelling of the technical support team at the Digital Images company in Halle for providing me with extra equipment for configuration tests.

Thank to Richard F. Lyon (then of Foveon Inc.) for fruitful communication about JPEG configuration in Sigma Photo Pro software.

Thank to Andrew Finkenstadt for hosting the ijg.org site.

Last but not least special thank to Thomas G. Lane for the original design and development of this singular software package.

FILE FORMAT WARS

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The ISO/IEC JTC1/SC29/WG1 standards committee (also known as JPEG, together with ITU-T SG16) currently promotes different formats containing the name "JPEG" which is misleading because these formats are incompatible with original DCT-based JPEG and are based on faulty technologies.

IJG therefore does not and will not support such momentary mistakes (see REFERENCES).

There exist also distributions under the name "OpenJPEG" promoting such kind of formats which is misleading because they don't support original JPEG images.

We have no sympathy for the promotion of inferior formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, interoperable format standards for JPEG files.

Don't use an incompatible file format!

(In any case, our decoder will remain capable of reading existing JPEG image files indefinitely.)

Furthermore, the ISO committee pretends to be "responsible for the popular JPEG" in their public reports which is not true because they don't respond to actual requirements for the

maintenance of the original JPEG specification.

There are currently distributions in circulation containing the name "libjpeg" which claim to be a "derivative" or "fork" of the original libjpeg, but don't have the features and are incompatible with formats supported by actual IJG libjpeg distributions. Furthermore, they violate the license conditions as described under LEGAL ISSUES above.

We have no sympathy for the release of misleading and illegal distributions derived from obsolete code bases.

Don't use an obsolete code base!

TO DO

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Version 8 is the first release of a new generation JPEG standard to overcome the limitations of the original JPEG specification.

More features are being prepared for coming releases...

Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org.

liblog4cplus-1.1-9

Contents

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1. Log4j license
2. Log4cplus license

1. Log4j license

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Version 2.0, January 2004

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liblzma5

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=====

Different licenses apply to different files in this package. Here is a rough summary of which licenses apply to which parts of this package (but check the individual files to be sure!):

- liblzma is in the public domain.
- xz, xzdec, and lzmadec command line tools are in the public domain unless GNU getopt_long had to be compiled and linked in from the lib directory. The getopt_long code is under GNU LGPLv2.1+.
- The scripts to grep, diff, and view compressed files have been adapted from gzip. These scripts and their documentation are under GNU GPLv2+.
- All the documentation in the doc directory and most of the XZ Utils specific documentation files in other directories are in the public domain.
- Translated messages are in the public domain.
- The build system contains public domain files, and files that are under GNU GPLv2+ or GNU GPLv3+. None of these files end up in the binaries being built.
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This software includes code from XZ Utils <<http://tukaani.org/xz/>>.

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Note that the toolchain (compiler, linker etc.) may add some code pieces that are copyrighted. Thus, it is possible that e.g. liblzma binary wouldn't actually be in the public domain in its entirety even though it contains no copyrighted code from the XZ Utils source package.

If you have questions, don't hesitate to ask the author(s) for more information.

Authors of XZ Utils

=====

XZ Utils is developed and maintained by Lasse Collin <lasse.collin@tukaani.org>.

Major parts of liblzma are based on code written by Igor Pavlov, specifically the LZMA SDK <<http://7-zip.org/sdk.html>>. Without this code, XZ Utils wouldn't exist.

The SHA-256 implementation in liblzma is based on the code found from 7-Zip <<http://7-zip.org/>>, which has a modified version of the SHA-256 code found from Crypto++ <<http://www.cryptopp.com/>>. The SHA-256 code in Crypto++ was written by Kevin Springle and Wei Dai.

Some scripts have been adapted from gzip. The original versions were written by Jean-loup Gailly, Charles Levert, and Paul Eggert. Andrew Dudman helped adapting the scripts and their man pages for XZ Utils.

The GNU Autotools-based build system contains files from many authors, which I'm not trying to list here.

Several people have contributed fixes or reported bugs. Most of them are mentioned in the file THANKS.

libmenuw5

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

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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., `libcursesw.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 `libcurses++`.

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
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`toe` -- table of entries utility
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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):
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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:
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Richard Stallman,
for his commitment to making ncurses free software.

Countless other people have contributed by reporting bugs,
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BUGS:

See the INSTALL file for bug and developer-list
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The Hacker's Guide in the doc directory includes some
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libmms0

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libncurses5

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libogg0

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libopenfec1

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Version 1.0 dated 2006-09-05.

libopkg1

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libopus0

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liborc-0.4-0

ORC - The Oil Runtime Compiler
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libpanelw5

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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` 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.

Warren Tucker and Gerhard Fuernkranz,
for writing and sending the panel library.

Hellmuth Michaelis,
for many patches and testing the optimization code.

Eric Newton, Ulrich Drepper, and Anatoly Ivasyuk:
the C++ code.

Jonathan Ross,
for lessons in using sed.

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.

libpopt0

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libtinfo5

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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 curses, 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 curses, 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.

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for the code that hacks `termcap` parameterized strings into `terminfo`.

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for writing and sending the panel library.

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for many patches and testing the optimization code.

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for lessons in using `sed`.

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.

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libuuid1

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libvorbis

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libx11-6

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libxauf

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libxdmcp6

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libxml2

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wpa-supPLICANT

wpa_supplicant and hostapd

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wpa_supplicant and hostapd

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wpa-supPLICANT-passphrase

wpa_supplicant and hostapd

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zlib

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zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.8, April 28th, 2013

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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://tools.ietf.org/html/rfc1950>

(zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

