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There are many others who have contributed patches; we thank them,
GTK+ is much better because of them.

Over time, GTK+ has incorporated some pieces of software which
started as independent projects. We list the original authors here:

MS-Windows theme engine

Raymond Penners
Dom Lachowicz

Pixbuf theme engine

Owen Taylor

IME input method

Takuro Ashie
Kazuki IWAMOTO

Mac OS X backend

Anders Carlsson

DirectFB backend

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 GTK+ is much better because of them.

Over time, GTK+ has incorporated some pieces of software which
 started as independent projects. We list the original authors here:
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Pixbuf theme engine

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IME input method

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DirectFB backend

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It is now being maintained by Steve Grubb

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```
#
# Master author manifest for bash
#
# The files in lib/intl were taken from the GNU gettext distribution.
#
# Any files appearing in the bash distribution not listed in this file
# were created by Chet Ramey.
#
# Filename      authors (first is original author)
#
README          Brian Fox, Chet Ramey
INSTALL         Brian Fox, Chet Ramey
COPYING         Brian Fox, Chet Ramey
MANIFEST        Brian Fox, Chet Ramey
configure       Chet Ramey
Makefile.in     Brian Fox, Chet Ramey
configure.in    Chet Ramey
aclocal.m4      Chet Ramey
config.h.top    Chet Ramey
config.h.bot   Chet Ramey
config.h.in    Chet Ramey
array.c         Chet Ramey
print_cmd.c     Brian Fox, Chet Ramey
general.c       Brian Fox, Chet Ramey
variables.c     Brian Fox, Chet Ramey
make_cmd.c      Brian Fox, Chet Ramey
copy_cmd.c     Brian Fox, Chet Ramey
unwind_prot.c  Brian Fox, Chet Ramey
dispose_cmd.c  Brian Fox, Chet Ramey
getcwd.c       Roland McGrath, Brian Fox, Chet Ramey
bashhist.c     Chet Ramey
hash.c         Brian Fox, Chet Ramey
parse.y        Brian Fox, Chet Ramey
subst.c        Brian Fox, Chet Ramey
shell.c        Brian Fox, Chet Ramey
sig.c          Chet Ramey
trap.c         Brian Fox, Chet Ramey
siglist.c      Brian Fox, Chet Ramey
version.c      Brian Fox, Chet Ramey
flags.c        Brian Fox, Chet Ramey
jobs.c         Brian Fox, Chet Ramey
input.c        Chet Ramey
mailcheck.c    Brian Fox, Chet Ramey
pathexp.c      Chet Ramey
test.c         Brian Fox, Chet Ramey
expr.c         Chet Ramey, Brian Fox
alias.c        Brian Fox, Chet Ramey
execute_cmd.c  Brian Fox, Chet Ramey
bashline.c     Brian Fox, Chet Ramey
braces.c       Brian Fox, Chet Ramey
bracecomp.c    Brian Fox, Chet Ramey, Tom Tromey
nojobs.c       Brian Fox, Chet Ramey
vprint.c       Chet Ramey
oslib.c        Chet Ramey
error.c        Brian Fox, Chet Ramey
xmalloc.c      Brian Fox, Chet Ramey
alias.h        Brian Fox, Chet Ramey
array.h        Chet Ramey
builtins.h     Brian Fox, Chet Ramey
parser.h       Brian Fox, Chet Ramey
variables.h     Brian Fox, Chet Ramey
machines.h     Brian Fox, Chet Ramey
jobs.h         Brian Fox, Chet Ramey
maxpath.h      Brian Fox, Chet Ramey
pathexp.h      Chet Ramey
mailcheck.h    Chet Ramey
filecntl.h     Brian Fox, Chet Ramey
hash.h         Brian Fox, Chet Ramey
quit.h         Brian Fox, Chet Ramey
flags.h        Brian Fox, Chet Ramey
shell.h        Brian Fox, Chet Ramey
bashjmp.h      Chet Ramey
sig.h          Chet Ramey
trap.h         Brian Fox, Chet Ramey
general.h      Brian Fox, Chet Ramey
unwind_prot.h  Brian Fox, Chet Ramey
input.h        Brian Fox, Chet Ramey
error.h        Brian Fox, Chet Ramey
command.h      Brian Fox, Chet Ramey
externs.h      Chet Ramey
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bashhist.h     Chet Ramey
bashline.h     Chet Ramey
execute_cmd.h  Chet Ramey
```

bashtypes.h	Chet Ramey
bashtty.h	Chet Ramey
pathnames.h	Chet Ramey
y.tab.c	Brian Fox, Chet Ramey
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builtins/builtin.def	Brian Fox, Chet Ramey
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builtins/hashcom.h	Brian Fox, Chet Ramey
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lib/readline/isearch.c Brian Fox, Chet Ramey
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lib/termcap/grot/termcap.info-3 David MacKenzie
lib/termcap/grot/termcap.info-4 David MacKenzie
lib/termcap/grot/NEWS David MacKenzie
lib/termcap/grot/INSTALL David MacKenzie
lib/termcap/grot/ChangeLog David MacKenzie
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lib/tilde/memalloc.h Brian Fox, Chet Ramey
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CWRU/misc/sigs.c Chet Ramey
CWRU/misc/pid.c Chet Ramey
CWRU/misc/sigstat.c Chet Ramey
CWRU/misc/bison Chet Ramey
CWRU/misc/aux-machine-desc Chet Ramey
CWRU/PLATFORMS Chet Ramey
CWRU/README Chet Ramey

CWRU/CWRU.CHANGES.051093	Chet Ramey
CWRU/POSIX.NOTES	Chet Ramey
CWRU/CWRU.CHANGES.071193	Chet Ramey
CWRU/CWRU.CHANGES.090393	Chet Ramey
doc/Makefile.in	Brian Fox, Chet Ramey
doc/bash.1	Chet Ramey
doc/builtins.1	Chet Ramey
doc/bash.ps	Chet Ramey
doc/bash.txt	Chet Ramey
doc/readline.3	Chet Ramey
doc/readline.ps	Chet Ramey
doc/readline.txt	Chet Ramey
doc/texinfo.tex	Richard Stallman
doc/features.texi	Brian Fox, Chet Ramey
doc/features.ps	Brian Fox, Chet Ramey
doc/features.info	Brian Fox, Chet Ramey
doc/features.dvi	Brian Fox, Chet Ramey
doc/bash_builtins.1	Chet Ramey
doc/bash_builtins.ps	Chet Ramey
doc/bash_builtins.txt	Chet Ramey
doc/bash_builtins.readme	Chet Ramey
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support/cat-s	Brian Fox, Chet Ramey
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support/config.sub	Richard Stallman, Chet Ramey
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support/ndian.c	Chet Ramey
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examples/precedence-tester	Brian Fox, Chet Ramey
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examples/functions/csh-compat	Brian Fox, Chet Ramey
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examples/functions/whatis	Chet Ramey
examples/functions/whence	Chet Ramey
examples/functions/func	Chet Ramey
examples/functions/dirname	Brian Fox, Noah Friedman
examples/functions/basename	Brian Fox, Noah Friedman
examples/functions/exitstat	Noah Friedman, Roland McGrath
examples/functions/external	Noah Friedman
examples/functions/fact	Brian Fox
examples/functions/manpage	Tom Tromey
examples/functions/fstty	Chet Ramey
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tests/dollar-at.sh	Chet Ramey
tests/dollar-star.sh	Chet Ramey
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lib/sh/zread.c	Chet Ramey
lib/sh/zwrite.c	Chet Ramey
tests/posix-ifs.sh	Glenn Fowler
support/checkbashisms	Julian Gilbey, Debian Linux team

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Josh Aas Memory leak fix for quartz backend
Daniel Amelang Many (magic) floating-point optimizations
Shawn T. Amundson Build fix
Olivier Andrieu PNG backend
Peter Dennis Bartok Bug fix for clipping
Dave Beckett Build fixes, Debian packaging
Kai-Uwe Behrmann SVG bug fixes
Christian Biesinger BeOS backend
Billy Biggs Pixman code merge. Optimization. Fixes for subtle rendering bugs.
Hans Breuer win32 bug fixes, build fixes, and improvements
Brian Cameron Flag bug in Sun's X server
Carlos Garcia Campos libspectre integration into the test-suite
Andrea Canciani Bugs, quartz backend improvements and type 6/7 patterns.
Damien Carbery Build fixes
Andrew Chant Adding const where needed
Steve Chaplin Bug fixes for PNG reading
Tomasz Cholewo Bug fixes
Manu Cornet SVG build fix
Frederic Crozat Fix test suite for OPD platforms (IA64 or PPC64)
Julien Danjou XCB fixes
Radek Doulik Bug report and test case
John Ehresman Build fixes for win32
John Ellson First font/glyph extents functions
Michael Emmel DirectFB backend
Miklós Erdélyi Fix typo leading to a crash
Behdad Esfahbod Huge piles of bug fixes, improvements, and general maintenance
Gilles Espinasse Font related fixes
Larry Ewing Test case for group-clip
Brian Ewins ATSUI maintenance (first success at making it really work)
Bertram Felgenhauer Fixes for subtle arithmetic errors
Damian Frank Build system improvements for win32
Bdale Garbee Provided essential support for cairo architecture sessions
Jens Granseuer Fixes to generate proper compiler flags
Laxmi Harikumar Build fix
J. Ali Harlow win32 backend updates
Bryce Harrington Test cases, bug/typo fixes
Mathias Hasselmann Significant reduction of calls to malloc
Richard Henderson "slim" macros for better shared libraries
James Henstridge Build fixes related to freetype
Graydon Hoare Support for non-render X server, first real text support
Thomas Hunger Initial version of cairo_in_stroke/fill
Thomas Jaeger Extended repeat modes for X
Björn Lindqvist Performance test cases
Kristian Høgsberg PDF backend, PS backend with meta-surfaces
Amaury Jacquot Documentation review, application testing
Adrian Johnson PDF backend improvement
Michael Johnson Bug fix for pre-C99 compilers
Jonathon Jongsma Fix documentation typos
Øyvind Kolås OpenVG backend, Bug fixes. Better default values.
Martin Kretzschmar Arithmetic fix for 64-bit architectures
Mathieu Lacage several bug/typo fixes
Dominic Lachowicz PDF conformance fix, fix image surface to zero out contents
Alexander Larsson Profiling and performance fixes.
Sylvestre Ledru Static analysis fixes.
Tor Lillqvist win32 build fixes, build scripts
Jinghua Luo Add bitmap glyph transformation, many freetype and glitz fixes
Luke-Jr Build fix for cross-compiling
Kjartan Maraas Several fixes for sparse, lots of debug help for multi-thread bugs
Nis Martensen Bug fix for sub paths
Jordi Mas Bug fix for cairo_show_text
Nicholas Miell Fixes for linking bugs on AMD64
Eugeniy Meshcheryakov PS/PDF font subsetting improvements
Zakharov Mikhail Build fix for HP-UX
Christopher (Monty) Montgomery Performance fix (subimage_copy), multi-thread testing
Tim Mooney Fix test suite to compile with Solaris compiler
Jeff Muizelaar Patient, painful, pixman code merge. Many fixes for intricacies of dashing.
Yevgen Muntyan win32 build fix
Ravi Nanjundappa Static analysis fixes, test cases, skia backend update/fixes
Declan Naughton Fix documentation typos
Peter Nilsson Glitz backend
Henning Noren Fix memory leak
Geoff Norton Build fixes
Robert O'Callahan Const-correctness fixes, several new API functions for completeness (and to help mozilla)
Ian Osgood XCB backend maintenance
Benjamin Otte Refinements to cairo/perf timing, OpenGL backend fixups, random fixes
Mike Owens Bug fixes

Emmanuel Pacaud SVG backend
 Keith Packard Original concept, polygon tessellation, dashing, font metrics rewrite
 Stuart Parmenter Original GDI+ backend, win32 fixes
 Alfred Peng Fixes for Sun compilers and for a memory leak
 Christof Petig Build fixes related to freetype
 Joonas Pihlaja Huge improvements to the tessellator performance
 Mart Raudsepp Build fixes
 David Reveman New pattern API, glitz backend
 Calum Robinson Quartz backend
 Pavel Roskin Several cleanups to eliminate warnings
 Tim Rowley Quartz/ATSUI fixes, X server workarounds, win32 glyph path support, test case to expose gradient regression
 Soeren Sandmann Lots of MMX love for pixman compositing
 Uli Schlachter Some more XCB fixes
 Torsten Schönfeld Build fixes
 Jamey Sharp Surface/font backend virtualization, XCB backend
 Jason Dorje Short Build fixes and bug fixes
 Jeff Smith Fixes for intricacies of stroking code
 Travis Spencer XCB backend fix
 Bill Spitzak Build fix to find Xrender.h without xrender.pc, downscaling support
 Zhe Su Add support for fontconfig's embeddedbitmap option
 Owen Taylor Font rewrite, documentation, win32 backend
 Pierre Tardy EGL support and testing, OpenVG backend
 Karl Tomlinson Optimisation and obscure bug fixes (mozilla)
 Alp Toker Fix several code/comment typos
 Malcolm Tredinnick Documentation fixes
 David Turner Optimize gradient calculations
 Kalle Vahlman Allow perf reports to be compared across different platforms
 Sasha Vasko Build fix to compile without xlib backend
 Vladimir Vukicevic Quartz backend rewrite, win32/quartz maintenance
 Jonathan Watt win32 fixes
 Peter Weilbacher OS/2 backend
 Dan Williams Implement MMX function to help OLPC
 Chris Wilson Large-scale robustness improvements, (warn_unused_result and malloc failure injection)
 Carl Worth Original library, support for paths, images
 Richard D. Worth Build fixes for cygwin
 Kent Worsnop Fix PDF dashing bug
 Dave Yeo Build fix for win32

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Rob Siemborski wrote and tested the conversion
to the SASLv2 API.

Ken Murchison worked on the OTP, NTLM, SRP and SQL
plugins, as well as helping to track down bugs as they appear. He also
added support for HTTP authentication.

Rob Earhart wrote the build/installation procedure,
wrote and tested some of the code, and provided general guidance and
coding advice.

Leif Johansson wrote the GSSAPI plugin, with
contributions from Sam Hartman .

Leandro Santi added Courier authdaemon support.

Alexey Melnikov wrote the first pass of the
DIGEST-MD5 plugin and continues to work on it. He also wrote
a good deal of the current Windows support.

Rainer Schoepf contributed the LOGIN plugin,
based on Tim Martin's PLAIN plugin.

Simon Loader wrote the MySQL auxprop module.

Rolf Braun wrote the MacOS ports.

Howard Chu put a good deal of work into OS/390
portability, correct building of static libraries, and a slew
of misc. bugfixes.

Tim Martin wrote, debugged, and tested
most of the SASLv1 code.

Larry Greenfield complained. a lot.

Chris Newman wrote the initial version of the
SASL API, as well as the version 2 SASL API (documented in sasl.h,
sasltutil.h, saslplug.h, and prop.h).

Ryan Troll started the Windows port,
and both Larry Greenfield and Alexey Melnikov have done more work on it.
getaddrinfo.c was written by Hajimu UMEMOTO
which is based on the IPV6 code written by KIKUCHI Takahiro

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The original info page and GNUification of the code were graciously
provided by François Pinard.

GNU ed THANKS file - last updated on 15 November 1994.

GNU ed originated with the editor algorithm from Brian W. Kernighan &
P. J. Plauger's wonderful book "Software Tools in Pascal", Addison-Wesley,
1981. GNU ed has also benefitted from the contributions of numerous people
who reported problems, suggested various improvements or submitted actual
code. Among these are the following:

Eric Backus
Karl Berry
Theo Deraadt
Kaveh R. Ghazi
Mike Haertel
François Pinard
Rodney Ruddock

GNU FriBidi 1.0.2 : (GNU Library General Public License v2 or later AND Unicode Character Database Terms Of Use)

Behdad Esfahbod
* Author and maintainer of the entire 0.19 release series up
to Unicode 6.3 support.

Dov Grobgeld
* Initial author, maintainer before the 0.19 releases. Implementation
of the BiDi algorithms changes in Unicode 6.3. Current maintainer.

Behnam Esfahbod
* Testing and auditing code.

Tim-Philipp Müller
* Provided meson compilation support.

Khaled Hosny
* Provided lots of cleanup and release engineering support for recent versions.

And for the previous versions of FriBidi (pre 2002), thanks to:

Tomas Frydrych
* Contributed patches for compiling GNU FriBidi under other OSes.

Franck Portaneri
* For the Mozilla BiDi languages support document;

Roozbeh Pournader
* Fixed things here and there.

Pablo Saratxaga
* Contributed several Arabic charset converters.

Owen Tayler
* Contributed very important memory leak and speed patches.

Omer Zak
* Contributed several bug fixes, and several considerations for embedded systems.

GNU Gettext 0.19.8.1 : GNU General Public License v3.0 or later

Authors of GNU gettext.

The following contributions warranted legal paper exchanges with the Free Software Foundation. Also see files ChangeLog and THANKS.

GETTEXT Ulrich Drepper
Assigns program and future changes.

GETTEXT Peter Miller
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GETTEXT François Pinard
Assigns past and future changes.

GETTEXT Ben Kasmin Bullock
Disclaims changes to manual.

GETTEXT Bruno Haible
Assigns past and future changes.

GETTEXT Tim Van Holder
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GETTEXT Tommy Johansson
Assigns changes. (changed: xgettext.c, configure.in; added: x-java.[lh])

GETTEXT Karl Eichwalder
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Disclaimer for Karl Eichwalder, in the past and for the next 5 years.

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GETTEXT FutreLAB, AG
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Mike Haertel wrote the main program and the dfa and kwset matchers.

Arthur David Olson contributed the heuristics for finding fixed substrings at the end of dfa.c.

Richard Stallman and Karl Berry wrote the regex backtracking matcher.

Henry Spencer wrote the original test suite from which grep's was derived.

Scott Anderson invented the Khadafy test.

David MacKenzie wrote the automatic configuration software use to produce the configure script.

Authors of the replacements for standard library routines are identified in the corresponding source files.

The idea of using Boyer-Moore type algorithms to quickly filter out non-matching text before calling the regex matcher was originally due to James Woods. He also contributed some code to early versions of GNU grep.

Mike Haertel would like to thank Andrew Hume for many fascinating discussions of string searching issues over the years. Hume & Sunday's excellent paper on fast string searching (AT&T Bell Laboratories CSTR #156) describes some of the history of the subject, as well as providing exhaustive performance analysis of various implementation alternatives. The inner loop of GNU grep is similar to Hume & Sunday's recommended "Tuned Boyer Moore" inner loop.

More work was done on regex.[ch] by Ulrich Drepper and Arnold Robbins. Regex is now part of GNU C library, see this package for complete details and credits.

Arnold Robbins contributed to improve dfa.[ch]. In fact it came straight from gawk-3.0.3 with small editing and fixes.

Many folks contributed. See THANKS; if I omitted someone please send me email.

Alain Magloire maintained GNU grep until version 2.5e.

Bernhard "Bero" Rosenkränzer maintained GNU grep until version 2.5.1, ie. from Sep 2001 till 2003.

Stepan Kasal maintained GNU grep since Feb 2004.
Tony Abou-Assaleh maintains GNU grep since Oct 2007.

Jim Meyering and Paolo Bonzini maintain GNU grep since Nov 2009.

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Authors of GNU M4.

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\$Id: AUTHORS 4210 2007-12-20 18:41:04Z dolorous \$
This file lists people who have made significant contribution to the nano editor. Please see the ChangeLog for specific changes by author.

Chris Allegretta
* Original program author, former stable series maintainer.

David Lawrence Ramsey
* Former stable series maintainer. Multiple buffer support, operating dir (-o) option, bug fixes for display routines, wrapping code, spelling fixes, const mode, parts of the UTF-8 support, and various other fixes.

Jordi Mallach
* Debian package maintainer, fellow bug squasher.
* Internationalization support head, ca.po maintainer.

Adam Rogoyski
* New write_file() function, read_file() optimization, mouse support, resize support, nohelp (-x) option, justify function, follow symlink option and bugfixes, and much more.

Robert Siemborski
* Miscellaneous cut, display, replace, and other bug fixes, original and new "magic line" code, read_line() function, new edit display routines.

Rocco Corsi
* Internal spelling code, many optimizations and bug fixes for findnextstr() and search-related functions, various display and file handling fixes.

David Benbennick
* Wrap and justify bugfixes/enhancements, new color syntax code, memleak fixes, parts of the UTF-8 support, and other miscellaneous fixes.

Mike Frysinger
* Gentoo package maintainer. Whitespace display mode, --enable-utf8/--disable-utf8 configure options for ncurses, many new color regexes and improvements to existing color regexes for nanorc.sample, and miscellaneous bug fixes.
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JPF Juergen Pfeifer	
ESR Eric S Raymond	
AVL Alexander V Lukyanov	
PB Philippe Blain	
SV Sven Verdoolaege	

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Authors of GNU tar.

Public domain tar was written by John Gilmore, with contributions from

Henry Spencer, Fred Fish, Ian Darwin, Geoff Collyer, Stan Barber, Guy Harris, Dave Brower, Richard Todd, Michael Rendell, Stu Heiss, and Rich Salz.

The FSF version, named GNU tar, was derived from public domain tar by Jay Fenlason and Joy Kendall. Amy Gorin and Melissa Weisshaus contributed to the manual. GNU tar has been maintained in turn by Thomas Bushnell BSG, François Pinard, Paul Eggert, and Sergey Poznyakoff.

Many others have contributed to GNU tar; please see the files THANKS and ChangeLog.

GNU-Time-Program 1.7 : (GNU General Public License v2.0 or later OR GNU General Public License v1.0 only)

Authors of GNU time.

David Keppel. Original version.

David MacKenzie. POSIXization, autoconfiscation, GNU getoptization, documentation, other bug fixes and improvements.

Arne Henrik Juul. Helped with portability.

Francois Pinard. Helped with portability.

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Program: GnuPG
Homepage: <http://www.gnupg.org>
Maintainer: Werner Koch
Bug reports: <http://bugs.gnupg.org>
Security related bug reports:
License: GPLv3+

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Daniel Resare Translations [sv]

Per Tunedal Translations [sv]

Daniel Nylander Translations [sv]

Daiki Ueno Assigns Past and Future Changes.
(changed:passphrase.c and related code)

David Shaw Assigns past and future changes.
(all in keyserver/,
a lot of changes in g10/ see the ChangeLog,
bug fixes here and there)

Dokianakis Theofanis Translations [el]

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Florian Weimer Assigns past and future changes
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 g10/free-packet.c, g10/mdfilter.c, g10/plaintext.c, util/iobuf.c)

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 (All patches to support RISC OS)

Timo Schulz Assigns past and future changes.
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already in December 2012.

The files common/libestream.[ch] are maintained as a separate project
by g10 Code GmbH. These files, as used here, are considered part of
GnuPG.

The RPM specs file scripts/gnupg.spec has been contributed by
several people.

The function build_argv in agent/w32main.c is based on code from
Alexandre Julliard.

The gpg-zip documentation is based on the manpage for gpg-zip, written
by Colin Tuckley and Daniel Leidert for the GNU/Debian distribution.

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In addition, as a special exception, the Free Software Foundation gives permission to link the code of the keyserver helper tools: gpgkeys_ldap, gpgkeys_curl and gpgkeys_hkp with the OpenSSL project's "OpenSSL" library (or with modified versions of it that use the same license as the "OpenSSL" library), and distribute the linked executables. You must obey the GNU General Public License in all respects for all of the code used other than "OpenSSL". If you modify this file, you may extend this exception to your version of the file, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

Note that the gpgkeys_* binaries are currently installed under the name gpg2keys_*.

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Marcus Brinkmann
- Shared library version, bug fixes.

g10 Code GmbH
- all work indicated by mail addresses in ChangeLogs

Ben Kibbey Assigns Past and Future Changes For GnuPG.
- Fixes and new features

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Mark Lindner - Lead developer & maintainer.
Daniel Marjamäki - Enhancements & bugfixes.
Andrew Tytula - Windows port.
Glenn Herteg - Enhancements, bugfixes, documentation corrections.

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excellent bug reports and fearless beta-testing

Marc Bevand
RFC 768 UDP zero-checksum fix

Michael Coulter
OpenBSD pfloc_pooladdr fix, pf rule deletion bug report

Michael A. Davis
win32 code cleanup

Scott Dawson
interface alias fix

Ben Fleis
constification and code cleanup

Mike Frantzen
dnet hex test module fix

Markus Friedl
BSD/OS testing and autoconf fixes

Tangy Gnat
missing queue.h

Loren Gorden
many thorough, detailed bug reports and fixes

Eric Jackson
OpenBSD-alpha testing

Juan
plugged BPF fd leak on failure

K2
HP-UX, OSF1, UnixWare, Solaris x86, Slackware, etc. access

Kirby Kuehl
win32 and OpenBSD updates

David Lee
addr_btos() bugfixes

Kuk-hyeon Lee
C++ support fixes

Robert Lowe
Tru64 access, and allowing me to crash his machine

Dominic Marks
FreeBSD 5 ipfw port fixes

Jose Nazario
IRIX access, and allowing me to crash his machine

Nergal
TCP sequence number handling fixes

Peter C. Norton
Linux port fixes

plaguez
for convincing me to write this, and suffering my bad French

NN Poster
RPM spec file

Niels Provos
many bugfixes and much encouragement

Andrew Reiter
help with ipfw braindeath

John S
VPATH build bug report

Federico Sacerdoti
dotted-quad IPv4 netmask support in addr_pton()

Mike Schiffman
inspiration via libnet

Matt Smart
caught pastos

Matt Sommers
BSD/OS testing

Mike Stolarчук
enlightening discussion of *ntoa optimizations

Greg Taleck
OpenBSD pf bug reporting

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route-bsd.c fork() bug report

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NetBSD testing

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Libgcrypt used to be part of GnuPG but has been taken out into its own
 package on 2000-12-21.

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GNUPG Werner Koch 1998-02-23
 Assigns GNU Privacy Guard and future changes.
 Assignment for future changes terminated on 2012-12-04.
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 Designed and implemented GnuPG.

GNUPG Matthew Skala 1998-08-10
 Disclaims changes.

mskala@ansuz.sooke.bc.ca
Wrote cipher/twofish.c.

GNUPG Natural Resources Canada 1998-08-11
Disclaims changes by Matthew Skala.

GNUPG Michael Roth Germany 1998-09-17
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Changes and bug fixes all over the place.

GNUPG Niklas Hernaes 1998-09-18
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GNUPG Rémi Guyomarch 1999-05-25
Assigns past and future changes. (g10/compress.c, g10/encr-data.c,
g10/free-packet.c, g10/mdfilter.c, g10/plaintext.c, util/iobuf.c)
rguyom@mail.dotcom.fr

ANY g10 Code GmbH 2001-06-07
Assignment for future changes in Libgcrypt terminated on 2012-12-04.
Code marked with ChangeLog entries of g10 Code employees.

LIBGCRYPT Timo Schulz 2001-08-31
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LIBGCRYPT Simon Josefsson 2002-10-25
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CTS/MAC flags, self test improvements)
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LIBGCRYPT Moritz Schulte 2003-04-17
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GNUTLS Nikolaos Mavrogiannopoulos 2003-11-22
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Original code for cipher/rfc2268.c.

LIBGCRYPT The Written Word 2005-04-15
Assigns past and future changes. (new: src/libgcrypt.pc.in,
src/Makefile.am, src/secmem.c, mpi/hppa1.1/mpih-mul3.S,
mpi/hppa1.1/udiv-qrnnd.S, mpi/hppa1.1/mpih-mul2.S,
mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

LIBGCRYPT Brad Hards 2006-02-09
Assigns Past and Future Changes
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added SHA-224, changed cipher/sha256.c, added HMAC tests.)

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LIBGCRYPT Werner Dittmann 2009-05-20
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GNUPG David Shaw
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LIBGCRYPT Andrey Jivsov 2010-12-09
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DCO:2012-04-20:Rafaël Carré
DCO:2012-11-14:Jussi Kivilinna
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Oliver Hitz
Contributed Java implementation.

Stefan Larsson
Optimized Java implementation. Added Maven support.

Alexander Gnauck
Contributed C# port.

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Contributed Windows Visual Studio project files.

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Roger Wolff is currently maintaing mtr.

Bug reports and feature requests should be sent to the mtr mailing list. See the README file for details.

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Ncat is based in concept (but not code) on the original "Netcat" written by Hobbitt circa 1994. Ncat combines the original Netcat feature set as well as various other ideas from other Netcat-like products, such as CryptCat, Socat, GNU Netcat, etc.

Ncat was originally written from the ground up by Chris Gibson (chris@linuxops.net) and was funded by the Google Summer of Code Program 2005.

Development, bug fixes, security auditing, improvements by Sean (infamous42md@hotmail.com).

Starting with the Google Summer of Code 2008, Ncat development was picked back up by Mixter and Kris Katterjohn. This included many bug fixes, new features and code cleanups.

The Ncat requirements, ideas and general support and help were given by Fyodor.

Many helpful comments, suggestions and other useful information was taken from the nmap-dev list (@insecure.org) as well as other contributors via email.

Ncat shares the Nmap infrastructure libraries (Nsock and Nbase) which were originally written by Fyodor.

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Hrvoje Niksic. Designed and implemented Wget.

Gordon Matzigkeit. Wrote netrc.c and netrc.h.

Darko Budor. Wrote initial support for Windows, wrote wsstartup.c, wsstartup.h and windecl.h. (The files were later renamed, but his code and ideas remained present.)

Junio Hamano. Added support for FTP Opie and HTTP digest authentication.

Dan Harkless. Added --backup-converted, --follow-tags, --html-extension, --ignore-tags, and --page-requisites; improved documentation; etc. Was the principle maintainer of GNU Wget for some time.

Christian Fraenkel. Initially implemented SSL support.

Thomas Lussnig. Initially implemented IPv6 support.

Ian Abbott. Contributed bugfixes, Windows-related fixes, provided a prototype implementation of the new recursive code, and more. Co-maintained Wget during the 1.8 release cycle.

Gisle Vanem. Contributed Windows and MS-DOS improvements, including a port of run_with_timeout to Windows, additions to Makefiles, and many bug reports and fixes.

Mauro Tortonesi. Improved IPv6 support, adding support for dual family systems. Refactored and enhanced FTP IPv6 code. Maintained GNU Wget from 2004-2007.

Nicolas Schodet. Contributed to cookie code and documentation.

Daniel Stenberg. NTLM authentication in http-ntlm.c and http-ntlm.h

originally written for curl donated for use in GNU Wget.

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Ted Mielczarek. Support for parsing links from CSS.

Saint Xavier. Support for IRIs (RFC 3987).

Giuseppe Scrivano. Added support for HTTP/1.1. Current Wget maintainer.

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<http://users.footprints.net/~kaz/kazlib.html>

We use Lua BitOp, written by Mike Pall, for bitwise operations
on numbers in Lua. The Lua BitOp home page can be found at
<http://bitop.luajit.org/>

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webbrowser calling routine to be used.

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SHA1 routines to be used.

snax gave permission to use his(?) weak key
detection code from Airsnort.

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The fields are: name (N), email (E), web-address (W), PGP
key ID and fingerprint (P), description (D), and snail-mail
address (S).

N: Jens Axboe
E: axboe@suse.de
D: Block/elevator/kiobuf hacking, IDE kiobuf support
S: Peter Bangs Vej 258, 2TH
S: 2500 Valby
S: Denmark

N: Ethan Benson
E: erbenso@alaska.net
D: Additional inode flags (immutable, append-only, etc)

S: P.O. Box 770525
S: Eagle River, AK 99577
S: Alaska

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E: nboullis@debian.org
D: fix XFS recovery on 64-bit big-endian architectures

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N: Thomas Graichen
E: tgr@spoiled.org
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S: Austin, Texas, USA

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E: jack@suse.cz
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D: Merging XFS support into quota user tools
W: <http://atrey.karlin.mff.cuni.cz/~jack/>
S: Krosenska' 543
S: 181 00 Praha 8
S: Czech Republic

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S: Den Helder, The Netherlands

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D: libacl extensions for Linux
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XZ Utils is developed and maintained by Lasse Collin

Major parts of liblzma are based on code written by Igor Pavlov, specifically the LZMA SDK . Without this code, XZ Utils wouldn't exist.

The SHA-256 implementation in liblzma is based on the code found from 7-Zip , which has a modified version of the SHA-256 code found from Crypto++ . 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.

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Version 3, 29 June 2007

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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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(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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- * c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- * d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
- * e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

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Version 2, June 1991

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[This is the first released version of the Library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public license treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that

this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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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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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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Written by: Philip Hazel

University of Cambridge Computing Service,
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