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Allbery, Russ
Anderson, Jamie
Andrew, Nick
Andric, Dimitry
Barron, Danny
Bates, Tom
Behan, Zdenk
Bellis, Ray
Benali, Elias
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Tucker, Darren
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Uzel, Petr
Valery, Reznic
Van Dinter, Theo
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Bogusz, Jakub
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

1.7 which 2.20-7.el7

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1.10 gettext 0.19.8.1 3.el7

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--------------------------------------------------------------------------

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

DRuntime: Runtime Library for the D Programming Language

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1.14 perl-http-tiny 0.033-3.el7

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1.18 python-configobj 4.7.2-7.el7

1.19 glibc 2.17-316.el7

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1.20 libseccomp 2.3.1 4.el7

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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
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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.
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with the Library, with the complete machine-readable “work that
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b) Use a suitable shared library mechanism for linking with the
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copy of the library already present on the user’s computer system,
rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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1.21 shared-mime-info 1.8 5.el7

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1.29 shadow-utils 4.6 5.el7

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MySQL 8.0

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Version 3.1, 31 March 2009

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libssh v0.7.3

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Additional Libraries Used by libssh

libssh has dependencies on the following libraries:

libgcrypt v1.7.3

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making modifications to it. For an executable work, complete source
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```
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```
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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.]

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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.

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If such an object file uses only numerical parameters, data
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Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
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Any executables containing that work also fall under Section 6,
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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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Version 3, 29 June 2007

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
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The "Library", below, refers to any such software library or work
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table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
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application. Therefore, Subsection 2d requires that any
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1.46 pam 1.1.8 23.el7

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1.51 libsgutils 1.37-19.el7

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1.52 openipmi 2.0.27-1.el7

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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.]
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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.

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<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!
(This file is under construction.)-^-. text -^-.  

If you've contributed to gas and your name isn't listed here, it is not meant as a slight. I just don't know about it. Email me, nickc@redhat.com and I'll correct the situation.

This file will eventually be deleted: The general info will go into the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.
Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for
gdb-specific debug information and the 68k series machines, most of
the preprocessing pass, and extensive changes in messages.c,
input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various
enhancements and many bug fixes, including merging support for several
processors, breaking gas up to handle multiple object file format
backends (including heavy rewrite, testing, an integration of the coff
and b.out backends), adding configuration including heavy testing and
verification of cross assemblers and file splits and renaming,
converted gas to strictly ansi C including full prototypes, added
support for m680[34]0 & cpu32, considerable work on i960 including a
coff port (including considerable amounts of reverse engineering), a
sparc opcode file rewrite, decstation, rs6000, and hp300hpux host
ports, updated "know" assertions and made them work, much other
reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of
the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan.
Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at Intellicorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of
Buffalo University and Torbjorn Granlund of the Swedish Institute of
Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS
back end (tc-mips.c, tc-mips.h), and contributed Rose format support
that hasn't been merged in yet. Ralph Campbell worked with the MIPS
code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors
(tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format
(obj-ieee), was written by Steve Chamberlain of Cygnus Solutions.
Steve also modified the COFF back end (obj-coffbfd) to use BFD for
some low-level operations, for use with the Hitachi, 29k and Zilog
targets.
John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.
Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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1.65 diffutils 3.3 5.el7
1.65.1 Available under license:

From RPM File Metadata: GPLv3+

/* diff - compare files line by line


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#define GDIFF_MAIN
#include "diff.h"
#include <assert.h>
#include "paths.h"
#include <c-stack.h>
#include <dirname.h>
#include <error.h>
#include <exclude.h>
#include <exitfail.h>
#include <filenamecat.h>
#include <file-type.h>
#include <fnmatch.h>
#include <getopt.h>
#include <hard-locale.h>
#include <prepargs.h>
#include <progsname.h>
#include <sh-quote.h>
#include <stat-time.h>
#include <timespec.h>
#include <version-etc.h>
#include <xalloc.h>
#include <xreadlink.h>
#include <binary-io.h>

/* The official name of this program (e.g., no 'g' prefix). */
#define PROGRAM_NAME "diff"
#define AUTHORS \
proper_name ("Paul Eggert"), \
proper_name ("Mike Haertel"), \
proper_name ("David Hayes"), \
proper_name ("Richard Stallman"), \
proper_name ("Len Tower")

#ifndef GUTTER_WIDTH_MINIMUM
#define GUTTER_WIDTH_MINIMUM 3
#endif

struct regexp_list
{
    char *regexps;/* chars representing disjunction of the regexps */
    size_t len;/* chars used in 'regexps' */
    size_t size;/* size malloc'ed for 'regexps'; 0 if not malloc'ed */
    bool multiple_regexps;/* Does 'regexps' represent a disjunction? */
    struct re_pattern_buffer *buf;
};

static int compare_files (struct comparison const *, char const *, char const *);
static void add_regexp (struct regexp_list *, char const *);
static void summarize_regexp_list (struct regexp_list *);
static void specify_style (enum output_style);
static void specify_value (char const **, char const *, char const *);
static void try_help (char const *, char const *) __attribute__((noreturn));
static void check_stdout (void);
static void usage (void);

/* If comparing directories, compare their common subdirectories recursively. */
static bool recursive;

/* In context diffs, show previous lines that match these regexps. */
static struct regexp_list function_regexp_list;

/* Ignore changes affecting only lines that match these regexps. */
static struct regexp_list ignore_regexp_list;

#if O_BINARY
/* Use binary I/O when reading and writing data (--binary). */
    On POSIX hosts, this has no effect. */
static bool binary;
#else
enum { binary = true }
#endif
/* If one file is missing, treat it as present but empty (-N). */
static bool new_file;

/* If the first file is missing, treat it as present but empty
   (--unidirectional-new-file). */
static bool unidirectional_new_file;

/* Report files compared that are the same (-s).
   Normally nothing is output when that happens. */
static bool report_identical_files;

static char const shortopts[] =

/* Values for long options that do not have single-letter equivalents. */
enum
{
  BINARY_OPTION = CHAR_MAX + 1,
  FROM_FILE_OPTION,
  HELP_OPTION,
  HORIZON_LINES_OPTION,
  IGNORE_FILE_NAME_CASE_OPTION,
  INHIBIT_HUNK_MERGE_OPTION,
  LEFT_COLUMN_OPTION,
  LINE_FORMAT_OPTION,
  NO_DEREFERENCE_OPTION,
  NO_IGNORE_FILE_NAME_CASE_OPTION,
  NORMAL_OPTION,
  SDIFF_MERGE_ASSIST_OPTION,
  STRIP_TRAILING_CR_OPTION,
  SUPPRESS_BLANK_EMPTY_OPTION,
  SUPPRESS_COMMON_LINES_OPTION,
  TABSIZE_OPTION,
  TO_FILE_OPTION,

  /* These options must be in sequence. */
  UNCHANGED_LINE_FORMAT_OPTION,
  OLD_LINE_FORMAT_OPTION,
  NEW_LINE_FORMAT_OPTION,

  /* These options must be in sequence. */
  UNCHANGED_GROUP_FORMAT_OPTION,
  OLD_GROUP_FORMAT_OPTION,
  NEW_GROUP_FORMAT_OPTION,
  CHANGED_GROUP_FORMAT_OPTION
};

static char const group_format_option[][sizeof "--unchanged-group-format"] =

{  "--unchanged-group-format",
   "--old-group-format",
   "--new-group-format",
   "--changed-group-format"
};

static char const line_format_option[] =
{  "--unchanged-line-format",
   "--old-line-format",
   "--new-line-format"
};

static struct option const longopts[] =
{  {"binary", 0, 0, BINARY_OPTION},
   {"brief", 0, 0, 'q'},
   {"changed-group-format", 1, 0, CHANGED_GROUP_FORMAT_OPTION},
   {"context", 2, 0, 'C'},
   {"ed", 0, 0, 'e'},
   {"exclude", 1, 0, 'x'},
   {"exclude-from", 1, 0, 'X'},
   {"expand-tabs", 0, 0, 't'},
   {"forward-ed", 0, 0, 'f'},
   {"from-file", 1, 0, FROM_FILE_OPTION},
   {"help", 0, 0, HELP_OPTION},
   {"horizon-lines", 1, 0, HORIZON_LINES_OPTION},
   {"ifdef", 1, 0, 'D'},
   {"ignore-all-space", 0, 0, 'w'},
   {"ignore-blank-lines", 0, 0, 'B'},
   {"ignore-case", 0, 0, 'i'},
   {"ignore-file-name-case", 0, 0, IGNORE_FILE_NAME_CASE_OPTION},
   {"ignore-matching-lines", 1, 0, 'I'},
   {"ignore-space-change", 0, 0, 'b'},
   {"ignore-tab-expansion", 0, 0, 'E'},
   {"ignore-trailing-space", 0, 0, 'Z'},
   {"inhibit-hunk-merge", 0, 0, INHIBIT_HUNK_MERGE_OPTION},
   {"initial-tab", 0, 0, 'T'},
   {"label", 1, 0, 'L'},
   {"left-column", 0, 0, LEFT_COLUMN_OPTION},
   {"line-format", 1, 0, LINE_FORMAT_OPTION},
   {"minimal", 0, 0, 'd'},
   {"new-file", 0, 0, 'N'},
   {"new-group-format", 1, 0, NEW_GROUP_FORMAT_OPTION},
   {"new-line-format", 1, 0, NEW_LINE_FORMAT_OPTION},
   {"no-dereference", 0, 0, NO_DEREFERENCE_OPTION},
   {"no-ignore-file-name-case", 0, 0, NO_IGNORE_FILE_NAME_CASE_OPTION},
/* Return a string containing the command options with which diff was invoked. 
Spaces appear between what were separate ARGV-elements. 
There is a space at the beginning but none at the end. 
If there were no options, the result is an empty string.

Arguments: OPTIONVEC, a vector containing separate ARGV-elements, and COUNT, 
the length of that vector. */

static char *
option_list (char **optionvec, int count)
{
int i;
size_t size = 1;
char *result;
char *p;

for (i = 0; i < count; i++)
    size += 1 + shell_quote_length (optionvec[i]);

p = result = xmalloc (size);
for (i = 0; i < count; i++)
{
    *p++ = ' ';  
    p = shell_quote_copy (p, optionvec[i]);  
}

*p = '');  
return result;
}

/* Return an option value suitable for add_exclude. */

static int
exclude_options (void)
{
    return EXCLUDE_WILDCARDS | (ignore_file_name_case ? FNM_CASEFOLD : 0);
}

int
main (int argc, char **argv)
{
    int exit_status = EXIT_SUCCESS;
    int c;
    int i;
    int prev = -1;
    lin ocontext = -1;
    bool explicit_context = false;
    size_t width = 0;
    bool show_c_function = false;
    char const *from_file = NULL;
    char const *to_file = NULL;
    uintmax_t numval;
    char *numend;

    /* Do our initializations. */
    exit_failure = EXIT_TROUBLE;
    initialize_main (&argc, &argv);
    set_program_name (argv[0]);
    setlocale (LC_ALL, "");
    bindtextdomain (PACKAGE, LOCALEDIR);
    textdomain (PACKAGE);
    c_stack_action (0);
    function_regexp_list.buf = &function_regexp;
    ignore_regexp_list.buf = &ignore_regexp;
    re_set_syntax (RE_SYNTAX_GREP | RE_NO_POSIX_BACKTRACKING);
    excluded = new_exclude ();
while ((c = getopt_long (argc, argv, shortopts, longopts, NULL)) != -1)
{
  switch (c)
  {
    case 0:
      break;

    case '0':
    case '1':
    case '2':
    case '3':
    case '4':
    case '5':
    case '6':
    case '7':
    case '8':
    case '9':
      if (! ISDIGIT (prev))
        ocontext = c - '0';
      else if (LIN_MAX / 10 < ocontext
        || ((ocontext = 10 * ocontext + c - '0') < 0))
        ocontext = LIN_MAX;
      break;

    case 'a':
      text = true;
      break;

    case 'b':
      if (ignore_white_space < IGNORE_SPACE_CHANGE)
        ignore_white_space = IGNORE_SPACE_CHANGE;
      break;

    case 'Z':
      if (ignore_white_space < IGNORE_SPACE_CHANGE)
        ignore_white_space |= IGNORE_TRAILING_SPACE;
      break;

    case 'B':
      ignore_blank_lines = true;
      break;

    case 'C':
    case 'U':
  }
if (optarg)
{
    numval = strtoumax (optarg, &numend, 10);
if (*numend)
    try_help ("invalid context length \"%s\", optarg);

if (LIN_MAX < numval)
    numval = LIN_MAX;
    }
else
    numval = 3;

specify_style (c == 'U' ? OUTPUT_UNIFIED : OUTPUT_CONTEXT);
if (context < numval)
    context = numval;
    explicit_context = true;
}

break;

}
case 'c':
    specify_style (OUTPUT_CONTEXT);
    if (context < 3)
        context = 3;
        break;

    break;

}
case 'd':
    minimal = true;
    break;

    break;

}
case 'D':
    specify_style (OUTPUT_IFDEF);
{
    static char const C_ifdef_group_formats[] =
        "%%=%cifndef %s
%%<#endif /* ! %s */
%c#ifdef %s
%%>#endif /* %s */
%cifndef %s
%%<#else /* %s */
%%>#endif /* %s */
";
    char *b = xmalloc (sizeof C_ifdef_group_formats
        + 7 * strlen (optarg) - 14 /* 7*"%s" */
        - 8 /* 5*"%c" + 3*"#" */);
    sprintf (b, C_ifdef_group_formats,
        optarg, optarg, optarg, optarg, optarg);
    for (i = 0; i < sizeof group_format / sizeof group_format[0]; i++)
    {
        specify_value (&group_format[i], b, "-D");
    b += strlen (b) + 1;
    }
}
break;

case 'e':
    specify_style (OUTPUT_ED);
    break;

case 'E':
    if (ignore_white_space < IGNORE_SPACE_CHANGE)
        ignore_white_space |= IGNORE_TAB_EXPANSION;
    break;

case 'T':
    specify_style (OUTPUT_FORWARD_ED);
    break;

case 'F':
    add_regexp (&function_regexp_list, optarg);
    break;

case 'h':
    /* Split the files into chunks for faster processing.
        Usually does not change the result.
        
        This currently has no effect. */
    break;

case 'H':
    speed_large_files = true;
    break;

case 'i':
    ignore_case = true;
    break;

case 'I':
    add_regexp (&ignore_regexp_list, optarg);
    break;

case 'l':
    if (!pr_program[0])
        try_help ("pagination not supported on this host", NULL);
    paginate = true;
    #ifdef SIGCHLD
    /* Pagination requires forking and waiting, and
        System V fork+wait does not work if SIGCHLD is ignored. */
    signal (SIGCHLD, SIG_DFL);
    #endif
    break;
case 'L':
    if (!file_label[0])
        file_label[0] = optarg;
    else if (!file_label[1])
        file_label[1] = optarg;
    else
        fatal ("too many file label options");
    break;

case 'n':
    specify_style (OUTPUT_RCS);
    break;

case 'N':
    new_file = true;
    break;

case 'p':
    show_c_function = true;
    add_regexp (&function_regexp_list, "^\([[:alpha:]$.]].\)");
    break;

case 'P':
    unidirectional_new_file = true;
    break;

case 'q':
    brief = true;
    break;

case 'r':
    recursive = true;
    break;

case 's':
    report_identical_files = true;
    break;

case 'S':
    specify_value (&starting_file, optarg, "-S");
    break;

case 't':
    expand_tabs = true;
    break;

case 'T':
initial_tab = true;
break;

case 'u':
specify_style (OUTPUT_UNIFIED);
if (context < 3)
    context = 3;
break;

case 'v':
    version_etc (stdout, PROGRAM_NAME, PACKAGE_NAME, Version,
                  AUTHORS, (char *) NULL);
    check_stdout ();
    return EXIT_SUCCESS;

case 'w':
    ignore_white_space = IGNORE_ALL_SPACE;
break;

case 'x':
    add_exclude (excluded, optarg, exclude_options ());
break;

case 'X':
    if (add_exclude_file (add_exclude, excluded, optarg,
                         exclude_options (), 'n'))
        pfatal_with_name (optarg);
break;

case 'y':
    specify_style (OUTPUT_SDIFF);
break;

case 'W':
    numval = strtoumax (optarg, &numend, 10);
    if (! (0 < numval && numval <= SIZE_MAX) || *numend)
        try_help ("invalid width '%s'", optarg);
    if (width != numval)
        { 
            if (width)
                fatal ("conflicting width options");
            width = numval;
        }
break;

case BINARY_OPTION:
    #if O_BINARY
        binary = true;
    #endif

if (! isatty (STDOUT_FILENO))
    set_binary_mode (STDOUT_FILENO, O_BINARY);
#endif
break;

case FROM_FILE_OPTION:
    specify_value (&from_file, optarg, "--from-file");
    break;

case HELP_OPTION:
    usage ();
    check_stdout ();
    return EXIT_SUCCESS;

case HORIZON_LINES_OPTION:
    numval = strtoumax (optarg, &numend, 10);
    if (*numend)
        try_help ("invalid horizon length "s", optarg);
    horizon_lines = MAX (horizon_lines, MIN (numval, LIN_MAX));
    break;

case IGNORE_FILE_NAME_CASE_OPTION:
    ignore_file_name_case = true;
    break;

case INHIBIT_HUNK_MERGE_OPTION:
    /* This option is obsolete, but accept it for backward compatibility. */
    break;

case LEFT_COLUMN_OPTION:
    left_column = true;
    break;

case LINE_FORMAT_OPTION:
    specify_style (OUTPUT_IFDEF);
    for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
        specify_value (&line_format[i], optarg, "--line-format");
    break;

case NO_DEREFERENCE_OPTION:
    no_dereference_symlinks = true;
    break;

case NO_IGNORE_FILE_NAME_CASE_OPTION:
    ignore_file_name_case = false;
    break;
case NORMAL_OPTION:
  specify_style (OUTPUT_NORMAL);
  break;

case SDIFF_MERGE_ASSIST_OPTION:
  specify_style (OUTPUT_SDIFF);
  sdiff_merge_assist = true;
  break;

case STRIP_TRAILING_CR_OPTION:
  strip_trailing_cr = true;
  break;

case SUPPRESS_BLANK_EMPTY_OPTION:
  suppress_blank_empty = true;
  break;

case SUPPRESS_COMMON_LINES_OPTION:
  suppress_common_lines = true;
  break;

case TABSIZE_OPTION:
  numval = stroumax (optarg, &numend, 10);
  if (! (0 < numval && numval <= SIZE_MAX) || *numend)
    try_help ("invalid tabsize "%s", optarg);
  if (tabsize != numval)
    {
      if (tabsize)
        fatal ("conflicting tabsize options");
      tabsize = numval;
    }
  break;

case TO_FILE_OPTION:
  specify_value (&to_file, optarg, "--to-file");
  break;

case UNCHANGED_LINE_FORMAT_OPTION:
case OLD_LINE_FORMAT_OPTION:
case NEW_LINE_FORMAT_OPTION:
  specify_style (OUTPUT_IFDEF);
  c = UNCHANGED_LINE_FORMAT_OPTION;
  specify_value (&line_format[c], optarg, line_format_option[c]);
  break;

case UNCHANGED_GROUP_FORMAT_OPTION:
case OLD_GROUP_FORMAT_OPTION:
case NEW_GROUP_FORMAT_OPTION:
case CHANGED_GROUP_FORMAT_OPTION:
    specify_style (OUTPUT_IFDEF);
    c -= UNCHANGED_GROUP_FORMAT_OPTION;
    specify_value (&group_format[c], optarg, group_format_option[c]);
    break;

default:
    try_help (NULL, NULL);
    }
    prev = c;
    }

if (output_style == OUTPUT_UNSPECIFIED)
{
    if (show_c_function)
    {
        specify_style (OUTPUT_CONTEXT);
        if (ocontext < 0)
            context = 3;
    }
    else
        specify_style (OUTPUT_NORMAL);
    }

if (output_style != OUTPUT_CONTEXT || hard_locale (LC_TIME))
{
    #if (defined STAT_TIMESPEC || defined STAT_TIMESPEC_NS \\
        || defined HAVE_STRUCT_STAT_ST_SPARE1)
        time_format = "%Y-%m-%d %H:%M:%S,%N %z";
    #else
        time_format = "%Y-%m-%d %H:%M:%S %z";
    #endif
}
else
{
    /* See POSIX 1003.1-2001 for this format. */
    time_format = "%a %b %e %T %Y";
}

if (0 <= ocontext
    && (output_style == OUTPUT_CONTEXT
        || output_style == OUTPUT_UNIFIED)
    && (context < ocontext
        || (ocontext < context && ! explicit_context)))
    context = ocontext;

if (! tabsize)
    tabsize = 8;
if (! width)
    width = 130;

{
    /* Maximize first the half line width, and then the gutter width,
       according to the following constraints:

1. Two half lines plus a gutter must fit in a line.
2. If the half line width is nonzero:
   a. The gutter width is at least GUTTER_WIDTH_MINIMUM.
   b. If tabs are not expanded to spaces,
      a half line plus a gutter is an integral number of tabs,
      so that tabs in the right column line up. */

    intmax_t t = expand_tabs ? 1 : tabsize;
    intmax_t w = width;
    intmax_t off = (w + t + GUTTER_WIDTH_MINIMUM) / (2 * t) * t;
    sdiff_half_width = MAX (0, MIN (off - GUTTER_WIDTH_MINIMUM, w - off)),
    sdiff_column2_offset = sdiff_half_width ? off : w;
}

    /* Make the horizon at least as large as the context, so that
       shift_boundaries has more freedom to shift the first and last hunks. */
    if (horizon_lines < context)
        horizon_lines = context;

    summarize_regexp_list (&function_regexp_list);
    summarize_regexp_list (&ignore_regexp_list);

    if (output_style == OUTPUT_IFDEF)
        {
            for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
                if (!line_format[i])
                    line_format[i] = "%\n";
                if (!group_format[OLD])
                    group_format[OLD] = group_format[CHANGED] ? group_format[CHANGED] : "%<";
                if (!group_format[NEW])
                    group_format[NEW] = group_format[CHANGED] ? group_format[CHANGED] : "%>";
                if (!group_format[UNCHANGED])
                    group_format[UNCHANGED] = "%=";
                if (!group_format[CHANGED])
                    group_format[CHANGED] = concat (group_format[OLD],
                                              group_format[NEW], ");
        }

    no_diff_means_no_output =
(output_style == OUTPUT_IFDEF ?
  (!*group_format[UNCHANGED]
   || (STREQ (group_format[UNCHANGED], "%=")
     && !*line_format[UNCHANGED]))
  : (output_style != OUTPUT_SDIFF) | suppress_common_lines);

files_can_be_treated_as_binary =
  (brief & binary
   & ~ (ignore_blank_lines | ignore_case | strip_trailing_cr
        | (ignore_regexp_list.regexps || ignore_white_space)));

switch_string = option_list (argv + 1, optind - 1);

if (from_file)
  {
    if (to_file)
      fatal ("--from-file and --to-file both specified");
    else
      for (; optind < argc; optind++)
        {
          int status = compare_files (NULL, from_file, argv[optind]);
          if (exit_status < status)
            exit_status = status;
        }
  }
else
  {
    if (to_file)
      for (; optind < argc; optind++)
        {
          int status = compare_files (NULL, argv[optind], to_file);
          if (exit_status < status)
            exit_status = status;
        }
    else
      {
        if (argc - optind != 2)
          {
            if (argc - optind != 2)
              try_help ("missing operand after "argv[argc - 1]);
            else
              try_help ("extra operand " argv[optind + 2]);
          }

        exit_status = compare_files (NULL, argv[optind], argv[optind + 1]);
      }
  }
/* Print any messages that were saved up for last. */
print_message_queue();

check_stdout();
exit (exit_status);
return exit_status;
}

/* Append to REGLIST the regexp PATTERN. */

static void
add_regexp (struct regexp_list *reglist, char const *pattern)
{
  size_t patlen = strlen (pattern);
  char const *m = re_compile_pattern (pattern, patlen, reglist->buf);

  if (m != 0)
    error (0, 0, "\%s: \%s", pattern, m);
  else
    {
      char *regexps = reglist->regexps;
      size_t len = reglist->len;
      bool multiple_regexps = reglist->multiple_regexps = regexps != 0;
      size_t newlen = reglist->len = len + 2 * multiple_regexps + patlen;
      size_t size = reglist->size;
      if (size <= newlen)
        {
          if (!size)
            size = 1;

          do size *= 2;
          while (size <= newlen);

          reglist->size = size;
          reglist->regexps = regexps = xrealloc (regexps, size);
        }
      if (multiple_regexps)
        {
          regexps[len++] = \W;
          regexps[len++] = |;
        }
      memcpy (regexps + len, pattern, patlen + 1);
    }
}

/* Ensure that REGLIST represents the disjunction of its regexps.
This is done here, rather than earlier, to avoid O(N^2) behavior. */
static void
summarize_regexp_list (struct regexp_list *reglist)
{
  if (reglist->regexps)
  {
    /* At least one regexp was specified. Allocate a fastmap for it. */
    reglist->buf->fastmap = xmalloc (1 << CHAR_BIT);
    if (reglist->multiple_regexps)
    {
      /* Compile the disjunction of the regexps.
         (If just one regexp was specified, it is already compiled.) */
      char const *m = re_compile_pattern (reglist->regexps, reglist->len,
                                      reglist->buf);
      if (m)
        error (EXIT_TROUBLE, 0, "%s: %s", reglist->regexps, m);
    }
  }
}

static void
try_help (char const *reason_msgid, char const *operand)
{
  if (reason_msgid)
    error (0, 0, _(reason_msgid), operand);
  error (EXIT_TROUBLE, 0, "Try '%s --help' for more information.",
         program_name);
  abort ();
}

static void
check_stdout (void)
{
  if (ferror (stdout))
    fatal ("write failed");
  else if (fclose (stdout) != 0)
    pfatal_with_name ("standard output");
}

static char const * const option_help_msgid[] = {
  N_("    --normal                  output a normal diff (the default)"),
  N_("-q, --brief                   report only when files differ"),
  N_("-s, --report-identical-files  report when two files are the same"),
  N_("-c, -C NUM, --context[NUM]    output NUM (default 3) lines of copied context"),
  N_("-u, -U NUM, --unified[NUM]    output NUM (default 3) lines of unified context"),
  N_("-e, --ed                       output an ed script"),
  N_("-n, --rcs                      output an RCS format diff"),
  N_("-y, --side-by-side             output in two columns"),
};
N_("-W, --width=NUM  output at most NUM (default 130) print columns"),
N_("  --left-column  output only the left column of common lines"),
N_("  --suppress-common-lines  do not output common lines"),
"",
N_("-p, --show-c-function  show which C function each change is in"),
N_("-F, --show-function-line=RE  show the most recent line matching RE"),
N_("  --label LABEL  use LABEL instead of file name\n"  
  (can be repeated"),
"",
N_("-t, --expand-tabs  expand tabs to spaces in output"),
N_("-T, --initial-tab  make tabs line up by prepending a tab"),
N_("  --tabsize=NUM  tab stops every NUM (default 8) print columns"),
N_("  --suppress-blank-empty  suppress space or tab before empty output lines"),
N_("-l, --paginate  pass output through 'pr' to paginate it"),
"",
N_("-r, --recursive  recursively compare any subdirectories found"),
N_("  --no-dereference  don't follow symbolic links"),
N_("  --new-file  treat absent files as empty"),
N_("  --unidirectional-new-file  treat absent first files as empty"),
N_("  --ignore-file-name-case  ignore case when comparing file names"),
N_("  --no-ignore-file-name-case  consider case when comparing file names"),
N_("-x, --exclude=PAT  exclude files that match PAT"),
N_("-X, --exclude-from=FILE  exclude files that match any pattern in FILE"),
N_("-S, --starting-file=FILE  start with FILE when comparing directories"),
N_("  --from-file=FILE1  compare FILE1 to all operands;\n"  
  FILE1 can be a directory"),
N_("  --to-file=FILE2  compare all operands to FILE2;\n"  
  FILE2 can be a directory"),
"",
N_("-i, --ignore-case  ignore case differences in file contents"),
N_("-E, --ignore-tab-expansion  ignore changes due to tab expansion"),
N_("-Z, --ignore-trailing-space  ignore white space at line end"),
N_("-b, --ignore-space-change  ignore changes in the amount of white space"),
N_("-w, --ignore-all-space  ignore all white space"),
N_("-B, --ignore-blank-lines  ignore changes where lines are all blank"),
N_("-I, --ignore-matching-lines=RE  ignore changes where all lines match RE"),
"",
N_("-a, --text  treat all files as text"),
N_("  --strip-trailing-cr  strip trailing carriage return on input"),
#if O_BINARY
N_("  --binary  read and write data in binary mode"),
#endif
"",
N_("-D, --ifdef=NAME  output merged file with 'ifdef NAME' diffs"),
N_("  --GTYPE-group-format=GFMT  format GTYPE input groups with GFMT"),
N_("  --line-format=LFMT  format all input lines with LFMT"),
N_("  --LTYPE-line-format=LFMT  format LTYPE input lines with LFMT"),
N_("  These format options provide fine-grained control over the output\n"
of diff, generalizing -D/--ifdef.

LTYPE is 'old', 'new', or 'unchanged'.  GTYPE is LTYPE or 'changed'.

GFMT (only) may contain:
%< lines from FILE1
>%> lines from FILE2
%= lines common to FILE1 and FILE2
%[-][WIDTH][.PREC][doxX] LETTER printf-style spec for LETTER
LETTERS are as follows for new group, lower case for old group:
F first line number
L last line number
N number of lines = L-F+1
E F-1
M L+1
%(A=B?T:E) if A equals B then T else E

LFMT (only) may contain:
%L contents of line
%I contents of line, excluding any trailing newline
%[-][WIDTH][.PREC][doxX]n printf-style spec for input line number

Both GFMT and LFMT may contain:
%% %
%c'C' the single character C
%c'\OOO' the character with octal code OOO
C the character C (other characters represent themselves)

-d, --minimal try hard to find a smaller set of changes
--horizon-lines=NUM keep NUM lines of the common prefix and suffix
--speed-large-files assume large files and many scattered small changes
--help display this help and exit
--version output version information and exit

FILES are 'FILE1 FILE2' or 'DIR1 DIR2' or 'DIR FILE...' or 'FILE... DIR'.
If --from-file or --to-file is given, there are no restrictions on FILE(s).
If a FILE is '-', read standard input.
Exit status is 0 if inputs are the same, 1 if different, 2 if trouble.

static void
usage (void)
{
    char const * const *p;

    printf (_("Usage: %s [OPTION]... FILES"), program_name);
    printf (_("Compare FILES line by line."));

    fputs (_("MANDATORY arguments to long options are mandatory for short options too.
"
for (p = option_help_msgid; *p; p++)
{
    if (!**p)
        putchar ("\n");
    else
    {
        char const *msg = _(*p);
        char const *nl;
        while ((nl = strchr (msg, '\n')))
        {
            int msglen = nl + 1 - msg;
            printf ("  %.\n", msglen, msg);
            msg = nl + 1;
        }

        printf ("\n  +\n  \n" + 2 * (*msg != ' ' && *msg != '-'), msg);
    }
}
emit_bug_reporting_address ();

/* Set VAR to VALUE, reporting an OPTION error if this is a conflict. */
static void
specify_value (char const **var, char const *value, char const *option)
{
    if (*var && !STREQ (*var, value))
    {
        error (0, 0, _("conflicting %s option value '%s'"), option, value);
        try_help (NULL, NULL);
    }
    *var = value;
}

/* Set the output style to STYLE, diagnosing conflicts. */
static void
specify_style (enum output_style style)
{
    if (output_style != style)
    {
        if (output_style != OUTPUT_UNSPECIFIED)
            try_help ("conflicting output style options", NULL);
        output_style = style;
    }
}
/* Set the last-modified time of *ST to be the current time. */

static void
set_mtime_to_now (struct stat *st)
{
#if defined STAT_TIMESPEC
    gettime (&STAT_TIMESPEC (st, st_mtim));
#else
    struct timespec t;
    gettime (&t);
    st->st_mtime = t.tv_sec;
#if defined STAT_TIMESPEC_NS
    STAT_TIMESPEC_NS (st, st_mtim) = t.tv_nsec;
#else defined HAVE_STRUCT_STAT_ST_Spare1
    st->st_spare1 = t.tv_nsec / 1000;
#endif
#endif
}

/* Compare two files (or dirs) with parent comparison PARENT
   and names NAME0 and NAME1.
   (If PARENT is null, then the first name is just NAME0, etc.)
   This is self-contained; it opens the files and closes them.

   Value is EXIT_SUCCESS if files are the same, EXIT_FAILURE if
different, EXIT_TROUBLE if there is a problem opening them. */

static int
compare_files (struct comparison const *parent,
               char const *name0,
               char const *name1)
{
    struct comparison cmp;
    #define DIR_P(f) (S_ISDIR (cmp.file[f].stat.st_mode) != 0)
    register int f;
    int status = EXIT_SUCCESS;
    bool same_files;
    char *free0;
    char *free1;

    /* If this is directory comparison, perhaps we have a file
       that exists only in one of the directories.
       If so, just print a message to that effect. */

    if (! (((name0 && name1)
            || (unidirectional_new_file && name1)
            || new_file))}
char const *name = name0 ? name0 : name1;
char const *dir = parent->file[!name0].name;

/* See POSIX 1003.1-2001 for this format. */
message("Only in %s: %s\n", dir, name);

/* Return EXIT_FAILURE so that diff_dirs will return
EXIT_FAILURE ("some files differ"). */
return EXIT_FAILURE;
}

memset(cmp.file, 0, sizeof cmp.file);
cmp.parent = parent;

/* cmp.file[f].desc markers */
#define NONEXISTENT (-1) /* nonexistent file */
#define UNOPENED (-2) /* unopened file (e.g. directory) */
#define ERRNO_ENCODE(errno) (-3 - (errno)) /* encoded errno value */

#define ERRNO_DECODE(desc) (-3 - (desc)) /* inverse of ERRNO_ENCODE */

cmp.file[0].desc = name0 ? UNOPENED : NONEXISTENT;
cmp.file[1].desc = name1 ? UNOPENED : NONEXISTENT;

/* Now record the full name of each file, including nonexistent ones. */
if (!name0)
    name0 = name1;
if (!name1)
    name1 = name0;

if (!parent)
    {
    free0 = NULL;
    free1 = NULL;
    cmp.file[0].name = name0;
    cmp.file[1].name = name1;
    }
else
    {
    cmp.file[0].name = free0
    = file_name_concat(parent->file[0].name, name0, NULL);
    cmp.file[1].name = free1
    = file_name_concat(parent->file[1].name, name1, NULL);
    }

/* Stat the files. */
for (f = 0; f < 2; f++)
{
    if (cmp.file[f].desc != NONEXISTENT)
    {
        if (f && file_name_cmp (cmp.file[f].name, cmp.file[0].name) == 0)
        {
            cmp.file[f].desc = cmp.file[0].desc;
            cmp.file[f].stat = cmp.file[0].stat;
        }
        else if (STREQ (cmp.file[f].name, "-"))
        {
            cmp.file[f].desc = STDIN_FILENO;
            if (binary && ! isatty (STDIN_FILENO))
                set_binary_mode (STDIN_FILENO, O_BINARY);
            if (fstat (STDIN_FILENO, &cmp.file[f].stat) != 0)
                cmp.file[f].desc = ERRNO_ENCODE (errno);
            else
            {
                if (S_ISREG (cmp.file[f].stat.st_mode))
                {
                    off_t pos = lseek (STDIN_FILENO, 0, SEEK_CUR);
                    if (pos < 0)
                        cmp.file[f].desc = ERRNO_ENCODE (errno);
                    else
                        cmp.file[f].stat.st_size =
                                MAX (0, cmp.file[f].stat.st_size - pos);
                }
                /* POSIX 1003.1-2001 requires current time for stdin. */
                set_mtime_to_now (&cmp.file[f].stat);
            }
        }
        else if (((no_dereference_symlinks
                     ? lstat (cmp.file[f].name, &cmp.file[f].stat)
                     : stat (cmp.file[f].name, &cmp.file[f].stat))
                     != 0)
            cmp.file[f].desc = ERRNO_ENCODE (errno);
        }
    }

    /* Mark files as nonexistent as needed for -N and -P, if they are
     inaccessible empty regular files (the kind of files that 'patch'
     creates to indicate nonexistent backups), or if they are
     top-level files that do not exist but their counterparts do
     exist. */
    for (f = 0; f < 2; f++)
        if (((new_file || (f == 0 && unidirectional_new_file))
&& (cmp.file[f].desc == UNOPENED
  ? (S_ISREG (cmp.file[f].stat.st_mode)
    && ! (cmp.file[f].stat.st_mode & (S_IRWXU | S_IRWXG | S_IRWXO))
    && cmp.file[f].stat.st_size == 0)
  : ((cmp.file[f].desc == ERRNO_ENCODE (ENOENT)
      || cmp.file[f].desc == ERRNO_ENCODE (EBADF))
    && ! parent
    && (cmp.file[1 - f].desc == UNOPENED
        || cmp.file[1 - f].desc == STDIN_FILENO)))
  cmp.file[f].desc = NONEXISTENT;

for (f = 0; f < 2; f++)
  if (cmp.file[f].desc == NONEXISTENT)
    
    memset (&cmp.file[f].stat, 0, sizeof cmp.file[f].stat);
    cmp.file[f].stat.st_mode = cmp.file[1 - f].stat.st_mode;

  
for (f = 0; f < 2; f++)
  {
    int e = ERRNO_DECODE (cmp.file[f].desc);
    if (0 <= e)
      
      errno = e;
      perror_with_name (cmp.file[f].name);
      status = EXIT_TROUBLE;
    
  
  
if (status == EXIT_SUCCESS && ! parent && ! DIR_P (0) != DIR_P (1))
  
  /* If one is a directory, and it was specified in the command line,
     use the file in that dir with the other file's basename. */

  
  int fnm_arg = DIR_P (0);
  int dir_arg = 1 - fnm_arg;
  char const *fnm = cmp.file[fnm_arg].name;
  char const *dir = cmp.file[dir_arg].name;
  char const *filename = cmp.file[dir_arg].name = free0
    = find_dir_file_pathname (dir, last_component (fnm));

  
  if (STREQ (fnm, "-"))
    fatal ("cannot compare '-' to a directory");

  
  if (! no_dereference_symlinks
      && lstat (filename, &cmp.file[dir_arg].stat)
      : stat (filename, &cmp.file[dir_arg].stat))
    != 0)
If (status != EXIT_SUCCESS)
{
    /* One of the files should exist but does not. */
}
else if (cmp.file[0].desc == NONEXISTENT
        && cmp.file[1].desc == NONEXISTENT)
{
    /* Neither file "exists", so there's nothing to compare. */
}
else if ((same_files
         = (cmp.file[0].desc != NONEXISTENT
             && cmp.file[1].desc != NONEXISTENT
             && 0 < same_file(&cmp.file[0].stat, &cmp.file[1].stat)
             && same_file_attributes(&cmp.file[0].stat,
                                     &cmp.file[1].stat))
             && no_diff_means_no_output)
{
    /* The two named files are actually the same physical file.
     * We know they are identical without actually reading them. */
}
else if (DIR_P(0) & DIR_P(1))
{
    if (output_style == OUTPUT_IFDEF)
        fatal("-D option not supported with directories");

    /* If both are directories, compare the files in them. */

    if (parent && !recursive)
    {
        /* But don't compare dir contents one level down
         * unless -r was specified.
         * See POSIX 1003.1-2001 for this format. */
        message("Common subdirectories: %s and %s\n",
                cmp.file[0].name, cmp.file[1].name);
    }
    else
        status = diff_dirs(&cmp, compare_files);
}
else if ((DIR_P(0) | DIR_P(1))
    && (!(S_ISREG(cmp.file[0].stat.st_mode)
         || S_ISLNK(cmp.file[0].stat.st_mode))
         || (!S_ISREG(cmp.file[0].stat.st_mode)
             || S_ISLNK(cmp.file[0].stat.st_mode))))
&& (S_ISREG (cmp.file[1].stat.st_mode)
|| S_ISLNK (cmp.file[1].stat.st_mode)))
{
    if (cmp.file[0].desc == NONEXISTENT || cmp.file[1].desc == NONEXISTENT)
    {
        /* We have a subdirectory that exists only in one directory. */

        if (((DIR_P (0) | DIR_P (1))
             && recursive
             && (new_file
                 && (unidirectional_new_file
                     && cmp.file[0].desc == NONEXISTENT)))
            status = diff_dirs (&cmp, compare_files);
        else
            char const *dir;

            /* PARENT must be non-NULL here. */
            assert (parent);
            dir = parent->file(cmp.file[0].desc == NONEXISTENT).name;

            /* See POSIX 1003.1-2001 for this format. */
            message5 ("Only in %s: %s\n", dir, name0);

            status = EXIT_FAILURE;
        }
    }
}
else
{
    /* We have two files that are not to be compared. */

    /* See POSIX 1003.1-2001 for this format. */
    message5 ("File %s is a %s while file %s is a %s\n", file_label[0] ? file_label[0] : cmp.file[0].name, file_type (&cmp.file[0].stat), file_label[1] ? file_label[1] : cmp.file[1].name, file_type (&cmp.file[1].stat));

    /* This is a difference. */
    status = EXIT_FAILURE;
}
else if (S_ISLNK (cmp.file[0].stat.st_mode)
        || S_ISLNK (cmp.file[1].stat.st_mode))
{
    /* We get here only if we use lstat(), not stat(). */
    assert (no_dereference_symlinks);
if (S_ISLNK (cmp.file[0].stat.st_mode) &
&& S_ISLNK (cmp.file[1].stat.st_mode))
{
    /* Compare the values of the symbolic links. */
    char *link_value[2] = { NULL, NULL };

    for (f = 0; f < 2; f++)
    {
        link_value[f] = xreadlink (cmp.file[f].name);
        if (link_value[f] == NULL)
        {
            perror_with_name (cmp.file[f].name);
            status = EXIT_TROUBLE;
            break;
        }
    }
    if (status == EXIT_SUCCESS)
    {
        if ( ! STREQ (link_value[0], link_value[1]))
        {
            message5 ("Symbolic links %s and %s differ\n",
                  cmp.file[0].name, cmp.file[1].name);
            /* This is a difference. */
            status = EXIT_FAILURE;
            return 1;
        }
    }
    for (f = 0; f < 2; f++)
    {
        free (link_value[f]);
    }
    else
    {
        /* We have two files that are not to be compared, because
         * one of them is a symbolic link and the other one is not. */

        message5 ("File %s is a %s while file %s is a %s\n",
                 file_label[0] ? file_label[0] : cmp.file[0].name,
                 file_type (&cmp.file[0].stat),
                 file_type (&cmp.file[1].stat));

        /* This is a difference. */
        status = EXIT_FAILURE;
        return 1;
    }
}
else if (files_can_be_treated_as_binary &
&& S_ISREG (cmp.file[0].stat.st_mode) &
&& S_ISREG (cmp.file[1].stat.st_mode) &
&& cmp.file[0].stat.st_size != cmp.file[1].stat.st_size)
{  
message ("Files %s and %s differ\n",  
file_label[0] ? file_label[0] : cmp.file[0].name,  
status = EXIT_FAILURE;  
}  
else  
{  
/* Both exist and neither is a directory. */  

/* Open the files and record their descriptors. */  

int oflags = O_RDONLY | (binary ? O_BINARY : 0);  

if (cmp.file[0].desc == UNOPENED)  
if ((cmp.file[0].desc = open (cmp.file[0].name, oflags, 0)) < 0)  
{  
perror_with_name (cmp.file[0].name);  
status = EXIT_TROUBLE;  
}  
if (cmp.file[1].desc == UNOPENED)  
{  
if (same_files)  
cmp.file[1].desc = cmp.file[0].desc;  
else if ((cmp.file[1].desc = open (cmp.file[1].name, oflags, 0)) < 0)  
{  
perror_with_name (cmp.file[1].name);  
status = EXIT_TROUBLE;  
}  
/* Compare the files, if no error was found. */  

if (status == EXIT_SUCCESS)  
status = diff_2_files (&cmp);  

/* Close the file descriptors. */  

if (0 <= cmp.file[0].desc & close (cmp.file[0].desc) != 0)  
{  
perror_with_name (cmp.file[0].name);  
status = EXIT_TROUBLE;  
}  
if (0 <= cmp.file[1].desc & cmp.file[0].desc != cmp.file[1].desc  
& close (cmp.file[1].desc) != 0)  
{  
perror_with_name (cmp.file[1].name);  
status = EXIT_TROUBLE;  
}
if (status == EXIT_SUCCESS)
{
    if (report_identical_files && !DIR_P (0))
        message("Files %s and %s are identical\n", file_label[0] ? file_label[0] : cmp.file[0].name,
}
else
{
    /* Flush stdout so that the user sees differences immediately.  
       This can hurt performance, unfortunately.  */
    if (fflush (stdout) != 0)
        pfatal_with_name (_("standard output"));
}

free (free0);
free (free1);

return status;

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package org.jfree.ui.about;

/**
 * A simple class representing a contributor to a software project.
 * @author David Gilbert
 */
public class Contributor {

    /** The name. */
    private String name;

    /** The e-mail address. */
    private String email;

/**
 * Creates a new contributor.
 *
 * @param name  the name.
 * @param email  the e-mail address.
 */
public Contributor(final String name, final String email) {
    this.name = name;
    this.email = email;
}

/**
 * Returns the contributor's name.
 *
 * @return the contributor's name.
 */
public String getName() {
    return this.name;
}

/**
 * Returns the contributor's e-mail address.
 *
 * @return the contributor's e-mail address.
 */
public String getEmail() {
    return this.email;
}

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+ "in"
+ "(For example, a function in a library to compute square roots has a purpose that is "
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+ "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 "
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"\n"
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"\n"
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+ "That's all there is to it!\n";

/** The singleton instance of this class. */
private static Licences singleton;

/**
 * Returns a reference to this class.
 *
 * @return the instance reference.
 */
public static Licences getInstance() {
    if (singleton == null) {
        singleton = new Licences();
    }
}
return singleton;

/**
 * Returns the GPL text in a non static way to prevent the compiler
 * to copy the contents of the field.
 * @return the GPL licence text.
 */
public String getGPL() {
    return GPL;
}

/**
 * Returns the LGPL text in a non static way to prevent the compiler
 * to copy the contents of the field.
 * @return the LGPL licence text.
 */
public String getLGPL() {
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}

### 1.71 slf4j-log4j 1.7.25

1.71.1 Available under license:

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1.72 xmlsec 1.2.20-7.el7_4

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* AOL
http://www.aleksey.com/pipermail/xmlsec/attachments/20030729/0e25648e/attachment.htm

* Cordys R&D BV

* Cryptocom LTD

1.73 kexec-tools 2.0.15-51.el7_9.1
1.73.1 Available under license:

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Version 2.1, February 1999

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code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it
becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

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all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control
compilation
and installation of the library.

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on the Library (independent of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
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d) If a facility in the modified Library refers to a function or a
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is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(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.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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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.
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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 combine 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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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

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1.98 vt-crypt 2.2

1.99 ncurses 5.9 14.20130511.el7_4
1.99.1 Available under license:
Upstream source http://invisible-island.net/ncurses/ncurses-examples.html

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1.110 json-smart 2.2.1

1.111 datanucleus-rdbms 4.1.20

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1.112 unzip 6.0 21.el7

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The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP Licence. Therefore, support for the reduce method has been removed.

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* 
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"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

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The firmware was in it in the form of a large array in a header file.
The following XC500 firmware file "dvb-fe-xc5000-1.6.114.fw" was created based on "xc5000_firmwares_32000Khz.h".

Firmware provided as part of an XC5000 Linux developers kit by Brian Mathews <bmathews@xceive.com> to Devin Heitmueller <dheitmueller@linuxtv.org> on July 1, 2009.

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### 1.115 sshpass 1.06-2.el7

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1.120 ipmi-tool 1.8.18-9.el7_7

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src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/frandom/frandom.c
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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/domain/internal/ImageTemplateImpl.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/suppliers/DescribeRegionsForRegionURIs.java
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* /opt/cola/permissions/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/features/AWSAMIApiLiveTest.java
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* /opt/cola/permissions/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudservers-us/src/test/java/org/jclouds/rackspace/cloudservers/us/compute/CloudServersUSComputeServiceLiveTest.java
* /opt/cola/permissions/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/api/cloudstack/src/test/java/org/jclouds/cloudstack/features/GlobalHostApiTest.java
* /opt/cola/permissions/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/http/filters/ProfitBricksSoapMessageEnvelopeTest.java
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* /opt/cola/permissions/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/config/CloudStackProperties.java
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* /opt/cola/permits/1097707105_1605563533.8/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/DeploymentBody.java
* /opt/cola/permits/1097707105_1605563533.8/jclouds-master-zip/jclouds-master/providers/b2/src/main/java/org/jclouds/b2/domain/Bucket.java
* /opt/cola/permits/1097707105_1605563533.8/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/test/java/org/jclouds/aws/ec2/features/AWSInstanceApiTest.java
* /opt/cola/permits/1097707105_1605563533.8/jclouds-master-zip/jclouds-master/skeletons/standalone-compute/src/main/java/org/jclouds/servermanager/compute/functions/DatacenterToLocation.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/test/java/org/jclouds/scriptbuilder/domain/CreateOrOverwriteFileTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/rest/annotations/OnlyElement.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/test/java/org/jclouds/digitalocean2/features/SizeApiMockTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/features/AMIApiLiveTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/route53/src/main/java/org/jclouds/route53/handlers/Route53ErrorHandler.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/main/java/org/jclouds/ultradns/ws/features/RoundRobinPoolApi.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/domain/AvailabilityZone.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/rest/annotations/Unwrap.java
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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/json/internal/OptionalTypeAdapterFactoryTest.java
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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/functions/ListAlarmHistoryToPagedIterable.java
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master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/ProjectApiExpectTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/keystone/catalog/suppliers/RegionIdToAdminURISupplier.java
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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/domain/Ec2Constants.java
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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/domain/Ec2Constants.java
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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/domain/Ec2Constants.java
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* /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/clouds/cloudstack/features/GlobalUsageApi.java
* /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/test/java/org/jclouds/azureblob/xml/ContainerNameEnumerationResultsHandlerTest.java
* /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/storage/StorageIdOnlyResponseHandler.java
* /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/b2/src/main/java/org/jclouds/b2/domain/UploadPartResponse.java
* /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/internal/BaseGoogleComputeEngineExpectTest.java
* /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/dynect/src/main/java/org/jclouds/dynect/v3/domain/rdata/SSHFPData.java
* /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/b2/src/main/java/org/jclouds/b2/domain/UploadPartResponse.java
* /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/storage/StorageIdOnlyResponseHandler.java
* /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/internal/BaseGoogleComputeEngineExpectTest.java
* /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/dynect/src/main/java/org/jclouds/dynect/v3/domain/rdata/SSHFPData.java

Source code URLs:
- /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/test/java/org/jclouds/azureblob/xml/ContainerNameEnumerationResultsHandlerTest.java
- /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/storage/StorageIdOnlyResponseHandler.java
- /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/internal/BaseGoogleComputeEngineExpectTest.java

Source code locations:
- /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/test/java/org/jclouds/azureblob/xml/ContainerNameEnumerationResultsHandlerTest.java
- /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/storage/StorageIdOnlyResponseHandler.java
- /opt/cola/permits/10977707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/internal/BaseGoogleComputeEngineExpectTest.java

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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/domain/Pod.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/domain/CloneImageTemplate.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/functions/ParseSubnets.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2_0/predicates/FindSecurityGroupWithNameAndReturnTrue.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/main/java/org/jclouds/azureblob/blobstore/functions/BlobMetadataToBlobProperties.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/drivers/bouncycastle/src/test/java/org/jclouds/encryption/bouncycastle/BouncyCastlePasswordDecryptionTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2_0/features/ImageApiExpectTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/sqs/src/test/java/org/jclouds/sqs/options/ListQueuesOptionsTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/domain/ResourceMetadataBuilder.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/location/suppliers/all/ZoneToProviderTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/GlobalUserApiTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/cloudstack/features/ISOApiTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/cloudstack/features/GlobalUserApiTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/binders/HttpHealthCheckCreationBinderTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/main/java/org/jclouds/googleclouddstorage/options/GetBucketOptions.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/elastichosts-laxp/src/test/java/org/jclouds/elastichosts/ElasticHostsPeer1LosAngelesProviderTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/test/java/org/jclouds/openstack/keystone/v2_0/extensions/RoleAdminApiLiveTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/keystone/v2_0/extensions/TenantAdminApi.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/config/NeutronHttpApiModule.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/test/java/org/jclouds/digitalocean2/features/DropletApiMockTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/dynect/src/main/java/org/jclouds/dynect/v3/domain/Job.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/packet/src/test/java/org/jclouds/packet/features/FacilityApiMockTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/io/payloads/FilePayload.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/json/internal/NullFilteringTypeAdapterFactory.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/binder/storage/UpdateStorageRequestBinder.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/keystone/src/test/java/org/jclouds/openstack/keystone/v2_0/internal/BaseKeystoneRestApiExpectTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/internal/BaseBlobStore.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/io/ByteStreams2.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/main/java/org/jclouds/azureblob/domain/LeaseStatus.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/compute/callables/RunScriptOnNodeAsInitScriptUsingSshAndBlockUntilCompleteTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/domain/PipeHttpResponseTo.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/functions/UriForResource.java
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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/options/ListIPForwardingRulesOptionsTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/drivers/log4j/src/test/java/org/jclouds/logging/log4j/config/Log4JLoggingModuleTest.java
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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/test/java/org/jclouds/digitalocean2/features/DropletApiMockTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/dynect/src/main/java/org/jclouds/dynect/v3/domain/Job.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/packet/src/test/java/org/jclouds/packet/features/FacilityApiMockTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/io/payloads/FilePayload.java
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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/keystone/src/test/java/org/jclouds/openstack/keystone/v2_0/internal/BaseKeystoneRestApiExpectTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/internal/BaseBlobStore.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/io/ByteStreams2.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/main/java/org/jclouds/azureblob/domain/LeaseStatus.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/compute/callables/RunScriptOnNodeAsInitScriptUsingSshAndBlockUntilCompleteTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/domain/PipeHttpResponseTo.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/functions/UriForResource.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/route53/src/main/java/org/jclouds/route53/config/Route53HttpApiModule.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/loadbalancer/LoadBalancerIdOnlyResponseHandler.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/options/ListIPForwardingRulesOptionsTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/drivers/log4j/src/test/java/org/jclouds/logging/log4j/config/Log4JLoggingModuleTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/atmos/src/main/java/org/jclouds/atmos/reference/AtmosErrorCode.java
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LiveTest.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/apis/sqs/src/main/java/org/jclouds/sqs/features/Messages.java
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keystone/src/main/java/org/jclouds/openstack/keystone/v3/domain/Link.java
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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/collect/IterableWithMarker.java
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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/compute/function/StorageToVolumeTest.java
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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/features/OperationApi.java
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/aws/filters/FormSignerUtils.java
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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/Key.java
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jclouds
======

Apache jclouds is an open source multi-cloud toolkit for the Java platform that gives you the freedom to create applications that are portable across clouds while giving you full control to use cloud-specific features.

This repository is archived. Please see [apache/jclouds](https://github.com/apache/jclouds).

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Sha512Crypt.java

Created: 18 December 2007
Last Changed By: $Author: broccol $
Version: $Revision: 7692 $
Last Mod Date: $Date: 2007-12-30 01:55:31 -0600 (Sun, 30 Dec 2007) $

Java Port By: James Ratcliff, falazar@arlut.utexas.edu

This class implements the new generation, scalable, SHA512-based
Unix 'crypt' algorithm developed by a group of engineers from Red
Hat, Sun, IBM, and HP for common use in the Unix and Linux
/etc/shadow files.

The Linux glibc library (starting at version 2.7) includes support
for validating passwords hashed using this algorithm.

The algorithm itself was released into the Public Domain by Ulrich
Drepper <drepper@redhat.com>. A discussion of the rationale and
development of this algorithm is at

http://people.redhat.com/drepper/sha-crypt.html

and the specification and a sample C language implementation is at

http://people.redhat.com/drepper/SHA-crypt.txt

This Java Port is

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*/
/**
 * This class defines a method,
 * [ @link Sha512Crypt#Sha512_crypt(java.lang.String, java.lang.String, int)
 * Sha512_crypt()], which takes a password and a salt string and generates a
 * Sha512 encrypted password entry.
 * 
 * This class implements the new generation, scalable, SHA512-based Unix 'crypt'
 * algorithm developed by a group of engineers from Red Hat, Sun, IBM, and HP
 * for common use in the Unix and Linux /etc/shadow files.
 * 
 * The Linux glibc library (starting at version 2.7) includes support for
 * validating passwords hashed using this algorithm.
 * 
 * The algorithm itself was released into the Public Domain by Ulrich Drepper
 * &lt;drepper@redhat.com&gt;. A discussion of the rationale and development of
 * this algorithm is at
 * 
 * http://people.redhat.com/drepper/sha-crypt.html
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 * and the specification and a sample C language implementation is at
 * 
 * http://people.redhat.com/drepper/SHA-crypt.txt
 */

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FROM scratch

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* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/test/resources/Dockerfile
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/resources/functions/installJDKFromURL.sh
* /opt/cola/permits/1097707105_1605563533.8/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/resources/functions/setupPublicCurl.sh
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The of the start-stop-daemon

* A rewrite of the original Debian's start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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1.142 nss 3.53.1-3.el7_9
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CFLAGS += -std=gnu99
CFLAGS += -Wall
CFLAGS += -Werror
CFLAGS += -Wmissing-prototypes
CFLAGS += -Wpointer-arith
CFLAGS += -Wunused-macros
CFLAGS += -Wmissing-field-initializers
CFLAGS += -Wsign-conversion
CFLAGS += -Wsign-compare

ifeq ($(WCONVERSION_AVAILABLE), y)
CFLAGS += -Wconversion
endif

CFLAGS += -fno-common

ifeq ($(WUNREACHABLE_CODE_RETURN_AVAILABLE), y)
CFLAGS += -Wunreachable-code-return
endif

ifeq ($(WMISSING_VARIABLE_DECLARATIONS_AVAILABLE), y)
CFLAGS += -Wmissing-variable-declarations
endif

ifeq ($(WFLOAT_EQUAL_AVAILABLE), y)
CFLAGS += -Wfloat-equal
endif

ifeq ($(WSWITCH_DEFAULT_AVAILABLE), y)
CFLAGS += -Wswitch-default
endif

ifeq ($(WCAST_FUNCTION_TYPE_AVAILABLE), y)
CFLAGS += -Wcast-function-type
endif

TARGET=check-license

clean:
$(RM) -f *.o

clobber: clean
$(RM) -f $(TARGET)

.PHONY: all clean clobber

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10th April 2012
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1.152 libdrm 2.4.97-2.el7
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1.153 wpa-supplicant 2.6-12.el7

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MySQL Connector/J 8.0

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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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
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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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1.169 jssc 2.8.0

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1.170 man-db 2.6.3-11.el7

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src/preproc/grn/gprint.h
src/preproc/grn/hdb.cpp
src/preproc/grn/hgraph.cpp
src/preproc/grn/hpoint.cpp
src/preproc/grn/main.cpp

The `gxditview' output device. It is based on X11's `xditview' program
and thus has the X license.

src/devices/xditview/DESC.in
src/devices/xditview/Dvi.c
src/devices/xditview/Dvi.h
src/devices/xditview/DviP.h
src/devices/xditview/FontMap
src/devices/xditview/GXditview.ad
src/devices/xditview/Menu.h
src/devices/xditview/ad2c
src/devices/xditview/device.c
src/devices/xditview/device.h
src/devices/xditview/draw.c
src/devices/xditview/font.c
src/devices/xditview/gray1.bm
src/devices/xditview/gray2.bm
src/devices/xditview/gray3.bm
src/devices/xditview/gray4.bm
src/devices/xditview/gray5.bm
src/devices/xditview/gray6.bm
src/devices/xditview/gray7.bm
src/devices/xditview/gray8.bm
src/devices/xditview/gxditview.man
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* The `-mdoc` macro set, using the BSD license.
  
  tmac/doc.tmac
  tmac/doc-old.tmac
  tmac/doc-common
  tmac/doc-ditroff
  tmac/doc-nroff
  tmac/doc-syms
  tmac/groff_mdoc.man

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  tmac/e.tmac
  tmac/groff_me.man
  doc/meintro.me
  doc/meref.me

Hyphenation Patterns
---------------------

* The file `tmac/hyphen.us` is identical to the file `hyphen.tex`, part of the TeX system written by Donald E. Knuth; the master file can be found at

  ftp://labrea.stanford.edu/pub/tex/dist/lib/hyphen.tex

It has been renamed for consistency, i.e., to make patterns available under the filenames `hyphen.<language>`, e.g. `hyphen.de` or `hyphen.uk`. 
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. The file `tmac/hyphen.fr' contains the same patterns as the file `frhyph.tex' (for TeX), which can be found at

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. The file `tmac/hyphen.cs' contains the same patterns as the file `czhyphen.tex' (for TeX), which can be found in the archive

   http://dante.ctan.org/CTAN/macros/cstex/base/cspplain.tar.gz

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1.182 jaxb-api 2.0
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1.185 axiom-impl 1.2.12
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1.186 httprpc 5.6

1.187 snappy 1.1.0-3.el7
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1.189 slf4j 1.7.10

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* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/MarkerFactory.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/helpers/BasicMarkerFactory.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/IMarkerFactory.java
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* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/spi/MarkerFactoryBinder.java
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jar/org/slf4j/helpers/NOPMDCAdapter.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/helpers/NOPLogger.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/helpers/NOPLoggerFactory.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/helpers/FormattingTuple.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/MDC.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/spi/MDCAdapter.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/spi/ILoggerFactory.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/spi/MarkerIgnoringBase.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/spi/NamedLoggerBase.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/spi/SubstituteLoggerFactory.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/spi/LocationAwareLogger.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/spi/LoggerFactoryBinder.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/spi/LoggerFactory.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/spi/StaticMarkerBinder.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/spi/StaticLoggerBinder.java
* /opt/cola/permits/1000774139_1606946145.78/0/slf4j-api-1-7-10-sources-jar/org/slf4j/spi/ILoggerFactoryBinder.java

1.190 guava 15.0

1.191 jaxb-core 2.1.12
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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.

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1.205 e2fsprogs 1.42.9-19.el7

1.205.1 Available under license:

This is the Debian GNU/Linux prepackaged version of the EXT2 file
system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were
written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from http://sourceforge.net/projects/e2fsprogs

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
/*
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

- trivial database library - private includes
-
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This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Theodore Ts'o
23-June-2007

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Gadi Oxman, August 1995

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# This is a Makefile stub which handles the creation of BSD shared libraries.
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:$(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJ))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \\
`echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@.-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
This is the Debian GNU/Linux prepackaged version of the static EXT2
file system consistency checker (e2fsck.static). The EXT2 utilities
were written by Theodore Ts'o <tytso@mit.edu> and Remy Card
<card@masi.ibp.fr>.

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers, as well as supported
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async
collection
crypto
mime
package_config
package_resolver
plugin
shelf_static
source_map_stack_trace
stream_channel
typed_data
utf
vm_service_client

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-----------------------------------------------
boolean_selector
front_end
kernel
meta
shelf_packages_handler
web_socket_channel

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DOCUMENTATION ROADMAP

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.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
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.
coderules.txt Coding style rules --- please read if you contribute code.

Please read at least 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
========

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 grayscale images. JPEG's strong suit is compressing photographic images or other types of images that have smooth color and brightness transitions between neighboring pixels. Images with sharp lines or other abrupt features may not compress well with JPEG, and a higher JPEG quality may have to be used to avoid visible compression artifacts with such images.

JPEG is lossy, meaning that the output pixels are not necessarily identical to the input pixels. However, on photographic content and other "smooth" images, very good compression ratios can be obtained with no visible compression artifacts, and extremely high compression ratios are possible if you are willing to sacrifice image quality (by reducing the "quality" setting in the compressor.)

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 (now expired), 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 PDF file containing a revised version of Wallace's article is available at http://www.iijg.org/files/Wallace.JPEG.pdf. 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 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
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".

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
If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu
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send usenet/news.answers/jpeg-faq/part2

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 are incompatible with original DCT-based JPEG. IJG therefore does
not support these formats (see REFERENCES). 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.)

TO DO
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node_preamble

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vulkanmemoryallocator

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zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.4, March 14th, 2010

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# Jackson JSON processor

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1.207 dos2unix 6.0.3-7.el7

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1.211 perl-file-path 2.09-2.el7

1.212 tcl 8.5.13 8.el7
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1.213 bouncy-castle 1.66

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/**
 * Magic value for proprietary OpenSSH private key.
 ***/

Found in path(s):
/**
 * SPHINCS-256 signer.
 * <p>
 * This implementation is heavily based on the reference implementation in SUPERCOP, the main difference being
 * the digests used
 * for message hashing and tree construction are now configurable (within limits...) and that the implementation
 * produces
 * detached signatures.
 * </p>
 * <p>
 * The SPHINCS reference implementation is public domain, as per the statement in the second last paragraph of
 * section 1 in https://eprint.iacr.org/2014/795.pdf
 * </p>
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// now keep space is free to use

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* Poly1305 message authentication code, designed by D. J. Bernstein.
* <p>
* Poly1305 computes a 128-bit (16 bytes) authenticator, using a 128 bit nonce and a 256 bit key
* consisting of a 128 bit key applied to an underlying cipher, and a 128 bit key (with 106
* effective key bits) used in the authenticator.
* <p>
* The polynomial calculation in this implementation is adapted from the public domain <a
* href="https://github.com/floodyberry/poly1305-donna">poly1305-donna-unrolled</a> C implementation
* by Andrew M (@floodyberry).
* @see Poly1305KeyGenerator
*/

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public DomainParameters(BigInteger p, BigInteger g, BigInteger q, BigInteger j,

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* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-jar/org/bouncycastle/asn1/x9/DomainParameters.java

1.214 perl-filter 1.49-3.el7

1.215 libdb 5.3.21 25.el7
1.215.1 Available under license :

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1.219 zlib 1.2.8

1.219.1 Available under license :

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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1.221 attr 2.4.46 13.el7

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c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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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
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"Source code" for a work means the preferred form of the work for
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interface definition files, plus the scripts used to control compilation
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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 based on the Library.

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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.

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c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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Ty Coon, President of Vice

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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
 * nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
 *
 * Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
 * http://www.hypermall.com/
 * 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
 * interrupts us (except possibly for removal/insertion of the cable?)
 * 10/4/97 - began heavy inline documentation of the code. Corrected typos
 * and spelling mistakes.
 * 10/5/97 - added code to handle PHY interrupts, disable PHY on
 * loss of link, and correctly re-enable PHY when link is
 * re-established. (put back CFG_PHYIE)
 *
 * Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
 *
 * R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
 *
 * Linux driver for the IDT77201 NICStAR PCI ATM controller.
 * PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
 * see init_nicstar() for PHY initialization to change this. This driver
 * expects the Linux ATM stack to support scatter-gather lists
 * (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
 *
 * Implementing minimal-copy of received data:
 * IDT always receives data into a small buffer, then large buffers
 * as needed. This means that data must always be copied to create
 * the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
 * Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
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* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
* M. Welsh, 6 July 1996
* /

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for his work on the initial Linux DVB driver

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for their continuing work on the DVB driver
Michael Holzt <kju@debian.org>
for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>
for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login
procedure and CyberLogin is no longer used.)

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for patching the cable card decoder driver

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for the nxt2004 frontend driver

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for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
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Summary: Scientific and engineering fonts, PUA glyphs
Requires: %{name} = %{version}-%{release}

Obsoletes: stix-integrals-fonts < 1.1.0
Obsoletes: stix-pua-fonts < 1.1.0
Obsoletes: stix-sizes-fonts < 1.1.0
Obsoletes: stix-variants-fonts < 1.1.0

%description -n %{fontname}-math-fonts
%common_desc

This package includes one symbol font completing the four faces in the main
{name} package. It replaces the heap of confusing fontlets in the first Stix
release.

_%font_pkg -n math -f %{fontconf}-math.conf STIXMath*otf

%prep
%setup -q -c

%build

%install
rm -fr %{buildroot}

install -m 0755 -d %{buildroot} %{_fontdir}
install -m 0644 -p Fonts/STIX-Word/*.otf %{buildroot} %{_fontdir}

install -m 0755 -d %{buildroot} %{_fontconfig_templatedir} \%
{buildroot} %{_fontconfig_confdir}

install -m 0644 -p %{SOURCE10} \%
{buildroot} %{_fontconfig_templatedir}/%{fontconf}.conf
install -m 0644 -p %{SOURCE11} \%
{buildroot} %{_fontconfig_templatedir}/%{fontconf}-math.conf

for fconf in %{fontconf}.conf \%
{fontconf}-math.conf ; do
  ln -s %{_fontconfig_templatedir}/$fconf \%
{buildroot} %{_fontconfig_confdir}/$fconf
done

%clean
rm -fr %{buildroot}

%changelog
* Fri Dec 27 2013 Daniel Mach <dmach@redhat.com> - 1.1.0-5
  - Mass rebuild 2013-12-27

* Fri Feb 15 2013 Fedora Release Engineering <rel-eng@lists.fedoraproject.org> - 1.1.0-4
  - Rebuilt for https://fedoraproject.org/wiki/Fedora_19_Mass_Rebuild
* Thu Nov 08 2012 Stanislav Ochotnicky <sochotnicky@redhat.com> - 1.1.0-3
  - Upstream changed their tarball with new pdf, rebuild

* Sat Jul 21 2012 Fedora Release Engineering <rel-eng@lists.fedoraproject.org> - 1.1.0-2
  - Rebuilt for https://fedoraproject.org/wiki/Fedora_18_Mass_Rebuild

* Sun Jul 8 2012 Nicolas Mailhot <nicolas.mailhot at laposte.net>
  - 1.1.0-1
  Update to new stable release
  Major refactoring now that some sanity prevailed upstream in font naming
  Be careful if you used the old font family names

* Sat Jan 14 2012 Fedora Release Engineering <rel-eng@lists.fedoraproject.org> - 1.0.0-3
  - Rebuilt for https://fedoraproject.org/wiki/Fedora_17_Mass_Rebuild

* Wed Feb 09 2011 Fedora Release Engineering <rel-eng@lists.fedoraproject.org> - 1.0.0-2
  - Rebuilt for https://fedoraproject.org/wiki/Fedora_15_Mass_Rebuild

* Sun Jul 25 2010 Nicolas Mailhot <nicolas.mailhot at laposte.net>
  - 1.0.0-1
  Update to non-beta release
  Switch licensing to OFL
  Add -doc subpackage

* Sun Jul 26 2009 Fedora Release Engineering <rel-eng@lists.fedoraproject.org>
  - 0.9-13
  Rebuilt for https://fedoraproject.org/wiki/Fedora_12_Mass_Rebuild

* Wed Feb 25 2009 Fedora Release Engineering <rel-eng@lists.fedoraproject.org>
  - 0.9-12
  Rebuilt for https://fedoraproject.org/wiki/Fedora_11_Mass_Rebuild

* Mon Feb 16 2009 Nicolas Mailhot <nicolas.mailhot at laposte.net>
  - 0.9-11
  prepare for F11 mass rebuild, new rpm and new fontpackages

* Fri Jan 16 2009 Nicolas Mailhot <nicolas.mailhot at laposte.net>
  - 0.9-10
  Convert to new naming guidelines

* Sun Nov 23 2008 Nicolas Mailhot <nicolas.mailhot at laposte.net>
  - 0.9-9
  rpm-fonts renamed to fontpackages

* Fri Nov 14 2008 Nicolas Mailhot <nicolas.mailhot at laposte.net>
  - 0.9-8
  Rebuild using new rpm-fonts
* Fri Jul 11 2008 Nicolas Mailhot <nicolas.mailhot at laposte.net>
  - 0.9-7
  Fedora 10 alpha general package cleanup

* Thu Nov 1 2007 Nicolas Mailhot <nicolas.mailhot at laposte.net>
  0.9-6
  Add some fontconfig aliasing rules
  0.9-4
  Initial experimental packaging

Found in path(s):
* /opt/cola/permits/1001043378_1607405198.9/0/stix-fonts-1.1.0-5.el7-1.src.rpm-cosi-expand-archive-
xq9BqmGW/stix-fonts.spec

1.224 yavijava 6.0.04
1.224.1 Available under license :

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/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class InvalidLicense extends VimFault {
    public String licenseContent;

    public String getLicenseContent() {
        return this.licenseContent;
    }

    public void setLicenseContent(String licenseContent) {
        this.licenseContent = licenseContent;
    }
}

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===============================================================================
*/
package com.vmware.vim25;

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class ExpiredEditionLicense extends ExpiredFeatureLicense {
}

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package com.vmware.vim25;

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */
@SuppressWarnings("all")
public class VramLimitLicense extends NotEnoughLicenses {
    public int limit;

    public int getLimit() {
        return this.limit;
    }

    public void setLimit(int limit) {
        this.limit = limit;
    }
}

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===============================================================================*/

package com.vmware.vim25;

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */
@SuppressWarnings("all")
public class Permission extends DynamicData {
    public ManagedObjectReference entity;
    public String principal;
    public boolean group;
    public int roleId;
    public boolean propagate;

    public ManagedObjectReference getEntity() {
        return this.entity;
    }

    public String getPrincipal() {
        return this.principal;
    }

    public boolean isGroup() {
        return this.group;
    }

    public int getRoleId() {
        return this.roleId;
    }

    public boolean isPropagate() {
        return this.propagate;
    }

    public void setEntity(ManagedObjectReference entity) {
        this.entity = entity;
    }

    public void setPrincipal(String principal) {
        this.principal = principal;
    }

    public void setGroup(boolean group) {
        this.group = group;
    }

    public void setRoleId(int roleId) {
        this.roleId = roleId;
    }

    public void setPropagate(boolean propagate) {
        this.propagate = propagate;
    }
}
package com.vmware.vim25;

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class InvalidEditionLicense extends NotEnough Licenses {
    public String feature;

    public String getFeature() {
        return this.feature;
    }

    public void setFeature(String feature) {
        this.feature = feature;
    }
}
package com.vmware.vim25;

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class NotEnoughLicenses extends RuntimeFault {
    
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    /*===============================================*/

    package com.vmware.vim25;

    /**
     * @author Steve Jin (http://www.doublecloud.org)
     * @version 5.1
     */

    @SuppressWarnings("all")
    public class NotEnoughLicenses extends RuntimeFault {
        
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package com.vmware.vim25;

import java.util.Calendar;

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class ExpiredFeatureLicense extends NotEnoughLicenses {
    public String feature;
    public int count;
    public Calendar expirationDate;

    public String getFeature() {
        return this.feature;
    }

    public int getCount() {
        return this.count;
    }

    public Calendar getExpirationDate() {
    return this.expirationDate;
}

public void setFeature(String feature) {
    this.feature = feature;
}

public void setCount(int count) {
    this.count = count;
}

public void setExpirationDate(Calendar expirationDate) {
    this.expirationDate = expirationDate;
}
}

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===============================================================================*/

package com.vmware.vim25;

/**

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package com.vmware.vim25;

/*
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class VmLimitLicense extends NotEnoughLicenses {
    public int limit;

    public int getLimit() {
        return this.limit;
    }

    public void setLimit(int limit) {
        this.limit = limit;
    }
}

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/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class ExpiredAddonLicense extends ExpiredFeatureLicense {
}

1.225 jexcel-api 2.6.12
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1.226 jansson 2.10 1.el7

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1.227alsa 1.1.8 1.el7

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1.229 jclouds-vcloud 1.0-beta-7

1.230 libgpg-error 1.12-3.el7

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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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*uganda.txt*    For Vim version 7.4. Last change: 2013 Jul 06

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Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given.
Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

*donate*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Furthermore, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:
Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money:*iccf-donations*

Check the ICCF web site for the latest information! See [iccf] for the URL.
USA: The methods mentioned below can be used. Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt. For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children’s Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly. Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.
Kibaale Children's Fund c/o Pacific Academy
10238-168 Street
Surrey, B.C. V4N 1Z4
Canada
Phone: 604-581-5353
If you make a donation to Kibaale Children’s Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of “Stichting ICCF Holland” in Lisse. This will allow for tax deduction if you live in Holland.
Postbank, nr. 4548774
IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return. Check the ICCF web site for the latest information:
http://iccf-holland.org/germany.html

World: Use a postal money order. That should be possible from any country, mostly from the post office. Use this name (which is in my passport): "Abraham Moolenaar". Use Euro for the currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number.
Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It's really simple to use. Use this link to find more info:
The e-mail address for sending the money to is:
For amounts above 400 Euro ($500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:
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   Swift code: INGB NL 2A
   IBAN: NL95 INGB 0004 5487 74
   under the name "stichting ICCF Holland", Lisse
   If that doesn't work:
   Rabobank Lisse, account 3765.05.117
   Swift code: RABO NL 2U
   under the name "Bram Moolenaar", Lisse
   Otherwise, send a check in euro or US dollars to the address below. Minimal amount: $70 (my bank does not accept smaller amounts for foreign check, sorry)

Address to send checks to:
Bram Moolenaar
Finsterruetihof 1
8134 Adliswil
Switzerland

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1.236 coreutils 8.22-24.el7_9.2

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1.244 smtp 1.4.2

1.245 network-manager 1.18.8-2.el7_9

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1.246 vt-password 3.1.2

1.247 ndctl 65-5.el7

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The DSP/Bridge project wish to thank all of its contributors, current bridge driver is the result of the work of all of them. If any name is accidentally omitted, let us know by sending a mail to omar.ramirez@ti.com or x095840@ti.com.

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(in case you are wondering where CyberLogin is, EON changed its login
procedure and CyberLogin is no longer used.)

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for tuning/DiSEqC support for the DEC 3000-s

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for the IR code for the ttusb-dec driver

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for the lgdt330x frontend driver, and various bugfixes

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for maintaining v4l/dvb inter-tree dependencies

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for the nxt2002 frontend driver

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for the nxt2004 frontend driver

Kirk Lapray <kirk.lapray@gmail.com>
for the or51211 and or51132 frontend drivers, and for merging the nxt2002 and nxt2004 modules into a single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a line to the DVB mailing list)
/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*/
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
* 10/5/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
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* 10/5/97 - added code to handle PHY interrupts, disable PHY on
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* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)

* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
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* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
* M. Welsh, 6 July 1996
* */

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<one line to give the program's name and a brief idea of what it does.>

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    <signature of Ty Coon>, 1 April 1989
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That's all there is to it!
1.257 jackson 1.9.0

1.257.1 Available under license:

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/* Jackson JSON-processor.
 *
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Found in path(s):
* /opt/cola/permits/1078139635_1602070746.96/0/jackson-core-asl-1-9-0-sources-2-
  jar/org/codehaus/jackson/JsonParser.java
* /opt/cola/permits/1078139635_1602070746.96/0/jackson-core-asl-1-9-0-sources-2-
  jar/org/codehaus/jackson/Base64Variant.java
* /opt/cola/permits/1078139635_1602070746.96/0/jackson-core-asl-1-9-0-sources-2-
  jar/org/codehaus/jackson/JsonFactory.java
* /opt/cola/permits/1078139635_1602070746.96/0/jackson-core-asl-1-9-0-sources-2-
  jar/org/codehaus/jackson Util/ByteArrayBuilder.java

1.258 gawk 4.0.2-4.el7_3.1

1.258.1 Available under license:

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The following text is a sample of the content from the image.

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base64.c -- routines to encode/decode base64 data
$OpenLDAP: pkg/ldap/libraries/liblutil/base64.c,v 1.15 2006/01/03 22:12:11 kurt Exp $ /
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1.274 python-urlgrabber 3.10 10.el7

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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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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
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threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
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functions (ten lines or less in length), then the use of the object
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Otherwise, if the work is a derivative of the Library, you may
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changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
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1.278 p11-kit 0.23.5-3.el7

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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were derived form the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5c7f2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

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<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:xi="http://www.w3.org/2001/XInclude"
xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">
  <xsl:param name="text"/>
  <xsl:value-of select="$isc.copyright.leader"/>
  <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
  <xsl:text>&#10;</xsl:text>
  <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
  <xsl:if test="translate($rest, '&#9;&#32;', '')">
    <xsl:call-template name="isc.copyright.format">
      <xsl:with-param name="text" select="$rest"/>
    </xsl:call-template>
  </xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
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</xsl:variable>

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
      <xsl:for-each select="book/info/copyright | refentry/docinfo/copyright">
        <xsl:text>Copyright (C) </xsl:text>
        <xsl:call-template name="copyright.years">
          <xsl:with-param name="years" select="year"/>
        </xsl:call-template>
        <xsl:text> </xsl:text>
        <xsl:value-of select="holder"/>
        <xsl:value-of select="$isc.copyright.breakline"/>
        <xsl:text>&#10;</xsl:text>
      </xsl:for-each>
      <xsl:value-of select="$isc.copyright.text"/>
    </xsl:with-param>
  </xsl:call-template>
</xsl:variable>

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lib/gssapi/generic/gssapi_err_generic.et
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and the initial implementation of incremental propagation, including
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include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
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lib/libgss/g_verify.c
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   d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

   (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.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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 based on the Library.

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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 combine 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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a) Accompany the work with the complete corresponding
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For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
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the materials to be distributed need not include anything that is
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It may happen that this requirement contradicts the license
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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.

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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.

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(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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That's all there is to it!

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<h3>3. Time Zone Database</h3>
ICU uses the public domain data and code derived from the Time Zone Database for its time zone support. The ownership of the TZ database is explained in BCP 175: Procedure for Maintaining the Time Zone Database section 7.

7. Database Ownership

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## -*-makefile-*-
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,
## Compiler switch to embed a library name

```
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))
```

## Shared library options

```
LD_SOOPTIONS = -Wl,-Bsymbolic
```

## Shared object suffix

```
SO = so
```

## Non-shared intermediate object suffix

```
STATIC_O = ao
```

## Compilation rules

```
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<

%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<

%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<
```

## Dependency rules

```
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec "$ (GEN_DEPS.c) $< \n | sed \"s/\([^*]\)\([^/]*\)\([^*]\)\.o/\1\.o $@ : /g\" > $@; \n [ -s $@ ] || rm -f $@"

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec "$ (GEN_DEPS.cc) $< \n | sed \"s/\([^*]\)\([^/]*\)\([^*]\)\.o/\1\.o $@ : /g\" > $@; \n [ -s $@ ] || rm -f $@"
```

## Versioned libraries rules

```
%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@

%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@
```

## End FreeBSD-specific setup

```
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1.346 systemd 219-78.el7_9.2

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(which use some of those functions and data) to form executables.

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  enc/big5.c
  enc/cp949.c
  enc/emacs_mule.c
  enc/encdb.c
  enc/euc_jp.c
  enc/euc_kr.c
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  enc/iso_8859_1.c
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  enc/iso_8859_13.c
  enc/iso_8859_14.c
  enc/iso_8859_15.c
  enc/iso_8859_16.c
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  enc/iso_8859_8.c
  enc/iso_8859_9.c
  enc/koi8_r.c
  enc/koi8_u.c
  enc/shift_jis.c
  enc/unicode.c
  enc/us_asci.c
  enc/utf_16be.c
  enc/utf_16le.c
  enc/utf_32be.c
  enc/utf_32le.c
  enc/utf_8.c
  enc/windows_1251.c
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random.c

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A C-program for MT19937, with initialization improved 2002/2/10.
Coded by Takuji Nishimura and Makoto Matsumoto.
This is a faster version by taking Shawn Cokus's optimization,
Mathe Bellew's simplification, Isaku Wada's real version.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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1.351 perl-scalar-list-utils 1.27-248.el7

1.352 httpClient 4.3.2

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One of the key reasons we got delayed on the CentOS-6 release was lack of suitable build resources, especially when we had to repeatedly build large chunks of code. Norwood S came forward and worked with me to setup a large build machine, then tune the build process and help improve the overall build, test and validate process we were using. This build machine he donated to the project was about 5 times more capable than the entire build system we had. And he did this out of his own pocket, from his own time, and has since upgraded the machine as well. It's now a 128GB, 48 core machine, with 4 SSD's and 4 sata disks: but the key metric is that it can build from source, the entire CentOS-7 distro in under 22 hrs.

Having this capability was key in our ability to build, test and deliver CentOS-7 as rapidly as we have been able to.

We'd like to dedicate the CentOS-7 Release to Mr Norwood S, of Phoenix, AZ, USA for his continued support for the project.

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package io.swagger.annotations;

import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * License metadata available within the info section of a Swagger definition, see
 * https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md#licenseObject
 *
 * @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

/**
 * The name of the license.
 *
 * @return the name of the license
 */
String name();

/**
 * An optional URL for the license.
 *
 * @return an optional URL for the license.
 */
String url() default "";
}

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Pod::Spec.new do |s|
s.name = "DCPathButton"
s.version = "2.1.1"
s.summary = "A beautiful button copy from Path®"

</label>
s.description = <<-DESC
DCPathButton is a menu button, designed by a famous App Path®.
Since Path® 4.0, it returned to use a tab bar instead of a side bar,
and also changed the menu button. So I tried to implement it and then
the DCPathButton was born :)  
DESC

s.homepage = "https://github.com/Tangdixi/DCPathButton"

s.license = {
  :type => 'MIT',
  :text => 'The DCPathButton uses the MIT license'
}

s.author = {
  "Tangdixi" => "Tangdixi@gmail.com"
}

s.platform = :ios, '7.0'

s.source = {
  :git => "https://github.com/Tangdixi/DCPathButton.git",
  :tag => "2.1.1"
}

s.source_files = 'DCPathButton/Classes/*.h,m'

s.resources = ['DCPathButton/Sounds/*']

s.frameworks = ['QuartzCore','AudioToolbox']

s.requires_arc = true
end

Found in path(s):
* /opt/cola/permits/1000748847_1607109746.66/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-
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This application makes use of the following third party libraries:

## DCPathButton

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* /opt/cola/permissions/1000748847_1607109746.66/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example/Pods/DCPathButton/README.md

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* /opt/cola/permissions/1000748847_1607109746.66/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example/Example/ViewController.m
* /opt/cola/permissions/1000748847_1607109746.66/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example/Example/AppDelegate.m
* /opt/cola/permissions/1000748847_1607109746.66/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example-Swift/DCPathButton/Classes/DCPathItemButton.h

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* /opt/cola/permissions/1000748847_1607109746.66/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example/AppDelegate.m
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1.371 activemq-broker 5.15.13

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1.373 spidermonkey 17.0.0-20.el7

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This is JavaScriptCore's variant of the PCRE library. While this library
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1.374 xz 5.2.2 1.el7

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1.375 yum-utils 1.1.31-54.el7_8

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1.376 jline 2.11

1.377 cracklib 2.9.0-11.el7

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----------

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[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries under= r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point,
it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.

-- Nathan

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
>
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries under GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
>
> -mike

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:
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Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

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-- Nathan

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of Mike Fryssinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
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Open Source Used In UCS Director Jamaica Bay (6.8) 4216

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Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
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Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
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best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
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If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
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In any case, I thank you both for working on sorting this out.

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Nalin
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Re: [Cracklib-devel] cracklib license
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Re: [Cracklib-devel] cracklib license
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Attachments: Message as HTML
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the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed
as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-------------------------------------
From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft
SMTPSVC(6.0.3790.3959); Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft
SMTPSVC(6.0.3790.3959); Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtpr020623
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.13])
by rutherford.zen.co.uk with esmh (Exim 4.50)
id 1IcOcXX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBEFE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length: 585
The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a
This package was debianized by Jean Pierre LeJacq
<jplejacq@quoininc.com> on Wed, 25 Feb 1998. Martin Pitt
<martin@piware.de> was the package's maintainer up to version
2.7.19-1. The current maintainer is Jan Dittberner
<jandd@debian.org>.

It was downloaded from http://sourceforge.net/projects/cracklib

Copyright (c) 1993 Alec Muffett <alecm@crypto.dircon.co.uk>,
Copyright (c) 2005-2009 Nathan Neulinger <nneul@umr.edu>,
Copyright (c) 2008-2009 Jan Dittberner <jan@dittberner.info>

Modifications: Added cronjob, configuration file, and man pages.

This library is free software; you can redistribute it and/or modify
it under the terms of the GNU Lesser General Public License as
published by the Free Software Foundation; either version 2.1 of the
License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

A copy of the GNU Lesser General Public License 2.1 is available as
/usr/share/common-licenses/LGPL-2.1 in the Debian GNU/Linux
Copyright information:

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett. Cracklib's license was changed from the GPL to the LGPL after consensus of all previous developers in October 2008, effective with release 2.8.15 released on 2009-11-19. See the email discussion below for both license changes.

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-----------
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)
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Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
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University of Missouri - Rolla Phone: (573) 341-6679
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Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

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On Monday 28 January 2008, Nalin Dahyabhai wrote:
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Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
   by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtp020623
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
   by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
   by rutherford.zen.co.uk with esmtp (Exim 4.50)
   id I1cOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd8071010010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
   <EC90713277DD2E41B7110CCCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
   <1b1b3fd8071010010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEBBE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0000
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length: 585
Lines: 21
Any chance you could write me a self-contained email stating clearly
that the license is being changed to GPL, so I could include that
email
in the repository and clean up the repository/tarballs? I have all the
original discussion, but something succinct and self contained
would be
ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations
below.
When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

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^L

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1.378 libxml 2.9.1-6.el7.5

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1.379 python 2.7.5-90.el7

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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<td>PSF</td>
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</table>
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 * Rob Earhart
 * Rob Siemborski
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 */
package com.amazonaws.services.ec2.model;
import java.io.Serializable;

/**
 * Represents an active license in use and attached to an Amazon EC2 instance.
 */
public class InstanceLicense implements Serializable {

    /**
     * The license pool from which this license was used (ex:
     * <code>'windows'</code>).
     */
    private String pool;

    /**
     * The license pool from which this license was used (ex:
     * <code>'windows'</code>).
     *
     * @return The license pool from which this license was used (ex:
     * <code>'windows'</code>).
     */
    public String getPool() {
        return pool;
    }
}
/**
 * The license pool from which this license was used (ex:
 * <code>'windows'</code>).
 * @param pool The license pool from which this license was used (ex:
 *         <code>'windows'</code>).
 */
public void setPool(String pool) {
    this.pool = pool;
}

/**
 * The license pool from which this license was used (ex:
 * <code>'windows'</code>).
 * <p>
 * Returns a reference to this object so that method calls can be chained together.
 * @param pool The license pool from which this license was used (ex:
 *         <code>'windows'</code>).
 * @return A reference to this updated object so that method calls can be chained
together.
*/
public InstanceLicense withPool(String pool) {
    this.pool = pool;
    return this;
}

/**
 * Returns a string representation of this object; useful for testing and
 * debugging.
 * @return A string representation of this object.
 * @see java.lang.Object#toString()
 */
@Override
public String toString() {
    StringBuilder sb = new StringBuilder();
    sb.append('{
        if (getPool() != null) sb.append("Pool: " + getPool() );
    sb.append("}
    return sb.toString();
}

@Override
public String toString() {
    StringBuilder sb = new StringBuilder();
    sb.append("[
        if (getPool() != null) sb.append("Pool: " + getPool() );
    sb.append:" + getPool() );
    return sb.toString();
}
public int hashCode() {
    final int prime = 31;
    int hashCode = 1;
    hashCode = prime * hashCode + ((getPool() == null) ? 0 : getPool().hashCode());
    return hashCode;
}

@Override
public boolean equals(Object obj) {
    if (this == obj) return true;
    if (obj == null) return false;
    if (obj instanceof InstanceLicense == false) return false;
    InstanceLicense other = (InstanceLicense)obj;
    if (other.getPool() == null ^ this.getPool() == null) return false;
    if (other.getPool() != null && other.getPool().equals(this.getPool()) == false) return false;
    return true;
}
}

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 */
package com.amazonaws.services.opsworks.model;
import java.io.Serializable;

/**
 * <p>
 * Describes stack or user permissions.
 * </p>
 */
public class Permission implements Serializable {
* A stack ID.

private String stackId;

/**
 * The Amazon Resource Name (ARN) for an AWS Identity and Access Management (IAM) role. For more information about IAM ARNs, see <a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/Using_Identifiers.html">Using Identifiers</a>.
 */

private String iamUserArn;

/**
 * Whether the user can use SSH.
 */

private Boolean allowSsh;

/**
 * Whether the user can use <b>sudo</b>.
 */

private Boolean allowSudo;

/**
 * A stack ID.
 * @return A stack ID.
 */

public String getStackId() {
    return stackId;
}

/**
 * A stack ID.
 * @param stackId A stack ID.
 */

public void setStackId(String stackId) {
    this.stackId = stackId;
}

/**
 * A stack ID.
 * <p>
 * Returns a reference to this object so that method calls can be chained together.
 * @param stackId A stack ID.
 */

@Retention value.

public void setStackId(String stackId) {
    this.stackId = stackId;
}

/**
 * A stack ID.
 * @return A reference to this updated object so that method calls can be chained
public Permission withStackId(String stackId) {
    this.stackId = stackId;
    return this;
}

/**
 * The Amazon Resource Name (ARN) for an AWS Identity and Access
 * Management (IAM) role. For more information about IAM ARNs, see <a
 * Identifiers</a>.
 *
 * @return The Amazon Resource Name (ARN) for an AWS Identity and Access
 * Management (IAM) role. For more information about IAM ARNs, see <a
 * Identifiers</a>.
 */
public String getIamUserArn() {
    return iamUserArn;
}

/**
 * The Amazon Resource Name (ARN) for an AWS Identity and Access
 * Management (IAM) role. For more information about IAM ARNs, see <a
 * Identifiers</a>.
 *
 * @param iamUserArn The Amazon Resource Name (ARN) for an AWS Identity and Access
 * Management (IAM) role. For more information about IAM ARNs, see <a
 * Identifiers</a>.
 */
public void setIamUserArn(String iamUserArn) {
    this.iamUserArn = iamUserArn;
}

/**
 * The Amazon Resource Name (ARN) for an AWS Identity and Access
 * Management (IAM) role. For more information about IAM ARNs, see <a
 * Identifiers</a>.
 *
 * Returns a reference to this object so that method calls can be chained together.
 *
 * @param iamUserArn The Amazon Resource Name (ARN) for an AWS Identity and Access
 * Management (IAM) role. For more information about IAM ARNs, see <a
public Permission withIamUserArn(String iamUserArn) {
    this.iamUserArn = iamUserArn;
    return this;
}

/**
* Whether the user can use SSH.
*
* @return Whether the user can use SSH.
*/
public Boolean isAllowSsh() {
    return allowSsh;
}

/**
* Whether the user can use SSH.
*
* @param allowSsh Whether the user can use SSH.
*/
public void setAllowSsh(Boolean allowSsh) {
    this.allowSsh = allowSsh;
}

/**
* Whether the user can use SSH.
* <p>
* Returns a reference to this object so that method calls can be chained together.
* 
* @param allowSsh Whether the user can use SSH.
* 
* @return A reference to this updated object so that method calls can be chained together.
*/
public Permission withAllowSsh(Boolean allowSsh) {
    this.allowSsh = allowSsh;
    return this;
}

/**
* Whether the user can use SSH.
public Boolean getAllowSsh() {
    return allowSsh;
}

/**
 * Whether the user can use <b>sudo</b>.
 *
 * @return Whether the user can use <b>sudo</b>.
 */
public Boolean isAllowSudo() {
    return allowSudo;
}

/**
 * Whether the user can use <b>sudo</b>.
 *
 * @param allowSudo Whether the user can use <b>sudo</b>.
 */
public void setAllowSudo(Boolean allowSudo) {
    this.allowSudo = allowSudo;
}

/**
 * Whether the user can use <b>sudo</b>.
 *
 * @return A reference to this updated object so that method calls can be chained together.
 */
public Permission withAllowSudo(Boolean allowSudo) {
    this.allowSudo = allowSudo;
    return this;
}

/**
 * Whether the user can use <b>sudo</b>.
 *
 * @return Whether the user can use <b>sudo</b>.
 */
public Boolean getAllowSudo() {
    return allowSudo;
*/

* Returns a string representation of this object; useful for testing and
* debugging.
*
* @return A string representation of this object.
*
* @see java.lang.Object#toString()
*/

@Override
public String toString() {
    StringBuilder sb = new StringBuilder();
    sb.append("{ ");
    if (getStackId() != null) sb.append("StackId: " + getStackId() + ",");
    if (getIamUserArn() != null) sb.append("IamUserArn: " + getIamUserArn() + ",");
    if (isAllowSsh() != null) sb.append("AllowSsh: " + isAllowSsh() + ",");
    if (isAllowSudo() != null) sb.append("AllowSudo: " + isAllowSudo());
    sb.append("}");
    return sb.toString();
}

@Override
public int hashCode() {
    final int prime = 31;
    int hashCode = 1;
    hashCode = prime * hashCode + ((getStackId() == null) ? 0 : getStackId().hashCode());
    hashCode = prime * hashCode + ((getIamUserArn() == null) ? 0 : getIamUserArn().hashCode());
    hashCode = prime * hashCode + ((isAllowSsh() == null) ? 0 : isAllowSsh().hashCode());
    hashCode = prime * hashCode + ((isAllowSudo() == null) ? 0 : isAllowSudo().hashCode());
    return hashCode;
}

@Override
public boolean equals(Object obj) {
    if (this == obj) return true;
    if (obj == null) return false;
    if (obj instanceof Permission == false) return false;
    Permission other = (Permission) obj;
    if (other.getStackId() == null ^ this.getStackId() == null) return false;
    if (other.getStackId() != null && other.getStackId().equals(this.getStackId()) == false) return false;
    if (other.getIamUserArn() == null ^ this.getIamUserArn() == null) return false;
    if (other.getIamUserArn() != null && other.getIamUserArn().equals(this.getIamUserArn()) == false) return false;
    if (other.isAllowSsh() == null ^ this.isAllowSsh() == null) return false;
    if (other.isAllowSsh() != null && other.isAllowSsh().equals(this.isAllowSsh()) == false) return false;
    return true;
}
package com.amazonaws.services.ec2.model;
import java.io.Serializable;

/**
 * A software license that can be associated with an Amazon EC2 instance when launched (ex. a Microsoft Windows license).
 */
public class License implements Serializable {

  /**
   * The unique ID identifying the license.
   */
  private String licenseId;

  /**
   * The license type (ex. "Microsoft/Windows/Standard").
   */
  private String type;

  /**
   * The name of the pool in which the license is kept.
   */
  private String pool;

}
/**
 * The capacities available for this license, indicating how many
 * licenses are in use, how many are available, how many Amazon EC2
 * instances can be supported, etc.
 */
private java.util.List<LicenseCapacity> capacities;

/**
 * A list of tags for the License.
 */
private java.util.List<Tag> tags;

/**
 * The unique ID identifying the license.
 *<p>
 * @return The unique ID identifying the license.
 */
public String getLicenseId() {
    return licenseId;
}

/**
 * The unique ID identifying the license.
 *<p>
 * @param licenseId The unique ID identifying the license.
 */
public void setLicenseId(String licenseId) {
    this.licenseId = licenseId;
}

/**
 * The unique ID identifying the license.
 *<p>
 * Returns a reference to this object so that method calls can be chained together.
 *<p>
 * @param licenseId The unique ID identifying the license.
 *<p>
 * @return A reference to this updated object so that method calls can be chained
 *         together.
 */
public License withLicenseId(String licenseId) {
    this.licenseId = licenseId;
    return this;
}

/**
 * The license type (ex. "Microsoft/Windows/Standard").
@return The license type (ex. "Microsoft/Windows/Standard").

public String getType() {
    return type;
}

/**
 * The license type (ex. "Microsoft/Windows/Standard").
 * @param type The license type (ex. "Microsoft/Windows/Standard").
 */
public void setType(String type) {
    this.type = type;
}

/**
 * The license type (ex. "Microsoft/Windows/Standard").
 * <p>
 * Returns a reference to this object so that method calls can be chained together.
 * @param type The license type (ex. "Microsoft/Windows/Standard").
 * @return A reference to this updated object so that method calls can be chained together.
 */
public License withType(String type) {
    this.type = type;
    return this;
}

/**
 * The name of the pool in which the license is kept.
 * @return The name of the pool in which the license is kept.
 */
public String getPool() {
    return pool;
}

/**
 * The name of the pool in which the license is kept.
 * @param pool The name of the pool in which the license is kept.
 */
public void setPool(String pool) {
    this.pool = pool;
}
/**
 * The name of the pool in which the license is kept.
 * <p>
 * Returns a reference to this object so that method calls can be chained together.
 * <p>
 * @param pool The name of the pool in which the license is kept.
 * @return A reference to this updated object so that method calls can be chained together.
 */
public License withPool(String pool) {
    this.pool = pool;
    return this;
}

/**
 * The capacities available for this license, indicating how many
 * licenses are in use, how many are available, how many Amazon EC2
 * instances can be supported, etc.
 * <p>
 * @return The capacities available for this license, indicating how many
 * licenses are in use, how many are available, how many Amazon EC2
 * instances can be supported, etc.
 */
public java.util.List<LicenseCapacity> getCapacities() {
    if (capacities == null) {
        capacities = new java.util.ArrayList<LicenseCapacity>();
    }
    return capacities;
}

/**
 * The capacities available for this license, indicating how many
 * licenses are in use, how many are available, how many Amazon EC2
 * instances can be supported, etc.
 * <p>
 * @param capacities The capacities available for this license, indicating how many
 * licenses are in use, how many are available, how many Amazon EC2
 * instances can be supported, etc.
 */
public void setCapacities(java.util.Collection<LicenseCapacity> capacities) {
    if (capacities == null) {
        this.capacities = null;
        return;
    }
}
java.util.List<LicenseCapacity> capacitiesCopy = new java.util.ArrayList<LicenseCapacity>(capacities.size());
capacitiesCopy.addAll(capacities);
this.capacities = capacitiesCopy;
}

/**
 * The capacities available for this license, indicating how many
 * licenses are in use, how many are available, how many Amazon EC2
 * instances can be supported, etc.
 *<p>
 * Returns a reference to this object so that method calls can be chained together.
 *<p>
 * @param capacities The capacities available for this license, indicating how many
 * licenses are in use, how many are available, how many Amazon EC2
 * instances can be supported, etc.
 *<p>
 * @return A reference to this updated object so that method calls can be chained
together.
 */
public License withCapacities(LicenseCapacity... capacities) {
    if (getCapacities() == null) setCapacities(new java.util.ArrayList<LicenseCapacity>(capacities.length));
    for (LicenseCapacity value : capacities) {
        getCapacities().add(value);
    }
    return this;
}

/**
 * The capacities available for this license, indicating how many
 * licenses are in use, how many are available, how many Amazon EC2
 * instances can be supported, etc.
 *<p>
 * Returns a reference to this object so that method calls can be chained together.
 *<p>
 * @param capacities The capacities available for this license, indicating how many
 * licenses are in use, how many are available, how many Amazon EC2
 * instances can be supported, etc.
 *<p>
 * @return A reference to this updated object so that method calls can be chained
together.
 */
public License withCapacities(java.util.Collection<LicenseCapacity> capacities) {
    if (capacities == null) {
        this.capacities = null;
    } else {
        java.util.List<LicenseCapacity> capacitiesCopy = new
java.util.ArrayList<LicenseCapacity>(capacities.size());
capacitiesCopy.addAll(capacities);
this.capacities = capacitiesCopy;
}
return this;
}
/**
 * A list of tags for the License.
 *
 * @return A list of tags for the License.
 */
public java.util.List<Tag> getTags() {
if (tags == null) {
    tags = new java.util.ArrayList<Tag>();
}
return tags;
}
/**
 * A list of tags for the License.
 *
 * @param tags A list of tags for the License.
 *
 * @return A reference to this updated object so that method calls can be chained together.
 */
public License withTags(Tag... tags) {
java.util.List<Tag> tagsCopy = new java.util.ArrayList<Tag>(tags.size());
tagsCopy.addAll(tags);
this.tags = tagsCopy;
}
if (getTags() == null) setTags(new java.util.ArrayList<Tag>(tags.length));
for (Tag value : tags) {
    getTags().add(value);
}
return this;
}

/**
 * A list of tags for the License.
 * <p>
 * Returns a reference to this object so that method calls can be chained together.
 *
 * @param tags A list of tags for the License.
 *
 * @return A reference to this updated object so that method calls can be chained together.
 */
public License withTags(java.util.Collection<Tag> tags) {
    if (tags == null) {
        this.tags = null;
    } else {
        java.util.List<Tag> tagsCopy = new java.util.ArrayList<Tag>(tags.size());
        tagsCopy.addAll(tags);
        this.tags = tagsCopy;
    }
    return this;
}

/**
 * Returns a string representation of this object; useful for testing and debugging.
 *
 * @return A string representation of this object.
 *
 * @see java.lang.Object#toString()
 */
@Override
public String toString() {
    StringBuilder sb = new StringBuilder();
    sb.append("{");
    if (getLicenseId() != null) sb.append("LicenseId: " + getLicenseId() + ",";);
    if (getType() != null) sb.append("Type: " + getType() + ",";);
    if (getPool() != null) sb.append("Pool: " + getPool() + ",";);
    if (getCapacities() != null) sb.append("Capacities: " + getCapacities() + ",";);
    if (getTags() != null) sb.append("Tags: " + getTags());
    sb.append("}");
    return sb.toString();
}
```java
@Override
public int hashCode() {
    final int prime = 31;
    int hashCode = 1;
    hashCode = prime * hashCode + ((getLicenseId() == null) ? 0 : getLicenseId().hashCode());
    hashCode = prime * hashCode + ((getType() == null) ? 0 : getType().hashCode());
    hashCode = prime * hashCode + ((getPool() == null) ? 0 : getPool().hashCode());
    hashCode = prime * hashCode + ((getCapacities() == null) ? 0 : getCapacities().hashCode());
    hashCode = prime * hashCode + ((getTags() == null) ? 0 : getTags().hashCode());
    return hashCode;
}

@Override
public boolean equals(Object obj) {
    if (this == obj) return true;
    if (obj == null) return false;
    if (obj instanceof License == false) return false;
    License other = (License)obj;
    if (other.getLicenseId() == null ^ this.getLicenseId() == null) return false;
    if (other.getLicenseId() != null && other.getLicenseId().equals(this.getLicenseId()) == false) return false;
    if (other.getType() == null ^ this.getType() == null) return false;
    if (other.getType() != null && other.getType().equals(this.getType()) == false) return false;
    if (other.getPool() == null ^ this.getPool() == null) return false;
    if (other.getPool() != null && other.getPool().equals(this.getPool()) == false) return false;
    if (other.getCapacities() == null ^ this.getCapacities() == null) return false;
    if (other.getCapacities() != null && other.getCapacities().equals(this.getCapacities()) == false) return false;
    if (other.getTags() == null ^ this.getTags() == null) return false;
    if (other.getTags() != null && other.getTags().equals(this.getTags()) == false) return false;
    return true;
}

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 * *
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 */
```
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* permissions and limitations under the License.
* /
package com.amazonaws.services.s3.model;

/**
 * Specifies constants defining an access permission,
 * as granted to grantees in an
 * [AccessControlList]. Only a limited set of permission are available;
 * each one is represented as a value in this enumeration.
 * /
public enum Permission {

    /**
     * Provides READ, WRITE, READ_ACP, and WRITE_ACP permissions.
     * <p>
     * It does not convey additional rights and is provided only for
     * convenience.
     * </p>
     */
    FullControl("FULL_CONTROL", "x-amz-grant-full-control"),

    /**
     * Grants permission to list the bucket when applied to a bucket.
     * Grants permission to read object data
     * and/or metadata when applied to an object.
     */
    Read("READ", "x-amz-grant-read"),

    /**
     * Grants permission to create, overwrite, and
     * delete any objects in the bucket.
     * <p>
     * This permission is not supported for objects.
     * </p>
     */
    Write("WRITE", "x-amz-grant-write"),

    /**
     * Grants permission to read the ACL for the applicable bucket or object.
     * <p>
     * The owner of a bucket or object always implicitly has this permission.
     * </p>
     */
    ReadAcp("READ_ACP", "x-amz-grant-read-acp"),

    /**
* Gives permission to overwrite the ACP for the applicable bucket or object.
*  
* The owner of a bucket or object always has this permission implicitly.
*  
* Granting this permission is equivalent to granting <code>FULL_CONTROL</code> because
* the grant recipient can make any changes to the ACP.
*  
*/
WriteAcp("WRITE_ACP", "x-amz-grant-write-acp");

private String permissionString;
private String headerName;

private Permission(String permissionString, String headerName) {
    this.permissionString = permissionString;
    this.headerName = headerName;
}

/**
 * Returns the name of the header used to grant this permission.
 */
public String getHeaderName() {
    return headerName;
}

/**
 * Gets the string representation of this permission object as defined by
 * Amazon S3, eg. <code>FULL_CONTROL</code>.
 * @return The string representation of this permission object as defined by
 * Amazon S3, eg. <code>FULL_CONTROL</code>.
 */
public String toString() {
    return permissionString;
}

/**
 * Returns the { @link Permission} enumeration value representing the specified Amazon
 * S3 Region ID string. If specified string doesn't map to a known Amazon S3
 * Region, returns <code>null</code>.
 * @param str
 * A string representation of an Amazon S3 permission, eg.
 * <code>FULL_CONTROL</code>
 * @return The { @link Permission} object represented by the given permission string,
Returns \texttt{null} if the string isn't a valid representation of an Amazon S3 permission.

```java
public static Permission parsePermission(String str) {
    for (Permission permission : Permission.values()) {
        if (permission.permissionString.equals(str)) {
            return permission;
        }
    }
    return null;
}
```

1.387 jaxen 1.1-beta-6

1.387.1 Available under license:

```text
/*
$Id: LICENSE.txt,v 1.3 2003/06/29 18:22:02 ssanders Exp $

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*/

1.388 commons-logging 1.0.4

1.389 java-driver 2.11.3.RELEASE

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1.390 eclipse-egit-github-core 4.4.1-
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1.397 libcap 2.22 11.el7

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1.398 sdk 4.2.0.alpha2

1.399 microcode-ctl 2.1-73.el7

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1.400 libcgroupl 0.41 21.el7
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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

   Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5c7f2bb5b6.

   Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

   Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

   Author: Julio Merino <jmmv84@gmail.com>

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 */
package org.apache.commons.httpclient;

import java.io.FilterInputStream;
import java.io.IOException;
import java.io.InputStream;

/**
 * Closes an underlying stream as soon as the end of the stream is reached, and
 * notifies a client when it has done so.
 * @author Ortwin Glueck
 * @author Eric Johnson
 * @author <a href="mailto:mbowler@GargoyleSoftware.com">Mike Bowler</a>
 * @since 2.0
 */
class AutoCloseInputStream extends FilterInputStream {

    /**
     * True if this stream is open. Assume that the underlying stream
     * is open until we get an EOF indication.
     */
    private boolean streamOpen = true;

    /** True if the stream closed itself. */
    private boolean selfClosed = false;

    /**
     * The watcher is notified when the contents of the stream have
     * been exhausted
     */
    private ResponseConsumedWatcher watcher = null;

    /**
     * Create a new auto closing stream for the provided connection
     *
     * @param in in the input stream to read from
     * @param watcher To be notified when the contents of the stream have been consumed.
     */
    public AutoCloseInputStream(final InputStream in, final ResponseConsumedWatcher watcher) {
        super(in);
        this.watcher = watcher;
    }

    /**
     * ...
     */
}
* Reads the next byte of data from the input stream.
* @throws IOException when there is an error reading
* @return the character read, or -1 for EOF
*/
public int read() throws IOException {
    int l = -1;
    if (isReadAllowed()) {
        // underlying stream not closed, go ahead and read.
        l = super.read();
        checkClose(l);
    }
    return l;
}

/**
* Reads up to <code>len</code> bytes of data from the stream.
* @param b a <code>byte</code> array to read data into
* @param off an offset within the array to store data
* @param len the maximum number of bytes to read
* @return the number of bytes read or -1 for EOF
* @throws IOException if there are errors reading
*/
public int read(byte[] b, int off, int len) throws IOException {
    int l = -1;
    if (isReadAllowed()) {
        l = super.read(b, off, len);
        checkClose(l);
    }
    return l;
}

/**
* Reads some number of bytes from the input stream and stores them into the
* buffer array b.
* @param b a <code>byte</code> array to read data into
* @return the number of bytes read or -1 for EOF
* @throws IOException if there are errors reading
*/
public int read(byte[] b) throws IOException {
    int l = -1;
if (isReadAllowed()) {
    l = super.read(b);
    checkClose(l);
}
return l;

/**
 * Close the stream, and also close the underlying stream if it is not
 * already closed.
 * @throws IOException If an IO problem occurs.
 */
public void close() throws IOException {
    if (!selfClosed) {
        selfClosed = true;
        notifyWatcher();
    }
}

/**
 * Close the underlying stream should the end of the stream arrive.
 *
 * @param readResult    The result of the read operation to check.
 * @throws IOException If an IO problem occurs.
 */
private void checkClose(int readResult) throws IOException {
    if (readResult == -1) {
        notifyWatcher();
    }
}

/**
 * See whether a read of the underlying stream should be allowed, and if
 * not, check to see whether our stream has already been closed!
 *
 * @return <code>true</code> if it is still OK to read from the stream.
 * @throws IOException If an IO problem occurs.
 */
private boolean isReadAllowed() throws IOException {
    if (!streamOpen && selfClosed) {
        throw new IOException("Attempted read on closed stream.");
    }
    return streamOpen;
}

/**
 * Notify the watcher that the contents have been consumed.
 * @throws IOException If an IO problem occurs.
 */
private void notifyWatcher() throws IOException {
    if (streamOpen) {
        super.close();
        streamOpen = false;

        if (watcher != null) {
            watcher.responseConsumed();
        }
    }
}

1.414 libtirpc 0.2.4 0.16.el7

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# Jackson JSON processor

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Version 3, 29 June 2007

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